

Third & Fourth Class

18th - 22nd May

Dear Parents/Guardians,

I hope you are all keeping well. The homework for the coming week is attached below and the answers to some of last week's work are at the very end.

For some subjects you will notice that I have requested a photo of some of the work to be emailed to me. It is simply so I can see how the children are getting on and to give some feedback. I hope this will be helpful.

If you have any questions or if I can help you please feel free to email me at:

Comearalisronaghns@gmail.com

Kind regards,

Carmel O'Meara.

English

-English in Practice Day 143 to 147.

-Spelling Workbook:

Unit 15. Please learn the lower half of the spellings for this week and complete activities on pages 60 & 61. Words may also be put into sentences.

For those of you who do not have your Spelling Workbook please go to Prim-Ed website. Select "For Parents" section. Select "Download your free pack". Fill in username etc. Check email and select download pack for the relevant class level. Scroll down to the spelling page section. Activities can be completed in your homework copy if you have no printer at home.

-Reading Zone:

Read Unit 30 and answer questions A to E.

For those of you who do not have your Reading Zone book at home please go to Folens on Line Registration

Select Teacher.

Fill in a username, email and password.

For Roll Number use the code: Prim20.

Search Reading Zone 3rd/4th in the Search bar.

Select the book.

-Reading: Continue with your own personal reading.

-The English Workbook Book E: This week we are moving on to a different genre- Exposition on page 119.

Expositions are written to persuade other to think a certain way or to do something. We came across an exposition before on page 34 when we were reading about Ellie who wanted to persuade her fellow pupils to vote for her to be the sports prefect.

This week we will look at the advertisement for Burger Bars where they are trying to persuade you to buy one!

Please read page 119 and complete the activities on pages 120 - 123. **Please take a photo of this work and email it to me for feedback.**

Irish

- Irish spellings: Please write the following spellings into your Irish copy. You can then learn them and put into sentences using your toolkit.

Féachfaidh mé=I will watch

Brisfidh mé= I will break

Scáileán=Screen

Ar siúl= On/working (Ta an teilifís ar siúl=The t.v. is on)

Cairde=Friends

Teilifís=Television

Cnaipe=Button

Ag féachaint=Watching

Irish Verb: Please write the following verb into your Verb And Grammar copy and learn.
Don't forget to point to the person as you say the verbs!

Aimsir Chaite

Bí= To be

Bhí mé =I was

Bhí tú=You were

Bhí sé= He was etc

Bhí sí

Bhíomar

Bhí sibh

Bhí said

An raibh mé/tú/se....? (Was I/Were you/Was he...)

+Bhí mé/tú/sé...(I was/You were...)

- Ní raibh mé/tú/sé...(I was not/You were not...)

Irish Grammar: Go to the back of your Verb And Grammar copy and revise 'Thar an + urú'

Use this knowledge to write the following sentence:

The dog jumped over the gate.

Reading: Béal Beo:

-Look at page 133. They are talking about the position/location of items (under/between/in front of etc)

There is a lot of new vocabulary:

Cad ba mhaith leat a cheannach?=What would you like to buy?

Ba mhaith liom.... a cheannach=I would like to buy....

Tá an fear taobh thiar den mbord=The man is behind the table

Idir=between

Cas ar dheis=Turn right

Cas ar clé=Turn left

Téigh díreach ar aghaidh=Go straight on

Look at the pictures on page 133. You will see the Irish word beside each item.

-Using the new vocabulary above answer the speech bubble questions orally.

Turn to the story on page 134-Cluasáin nua-New earphones. Do your best to read the story.

Is maith liom=I like

Is breá liom=I really like

Is aoibhinn liom=I love/adore

Is fearr liom=I prefer

Lasmuigh de=Outside of

Cosán=Footpath

Cad atá uait?=What do you want?

Ar fheabhas=Excellent

Grianghraif=photograph

Athraíonn sé=It changes

-Answer the 5 questions on page 35. **Please send me a photo of these 5 answers and email them to me for feedback.**

Remember: Cad?=What?

Cá?=Where

-Complete the 'Tasc' on page 135 by drawing three things you prefer from the shop and label them as Gaeilge.

-Complete the focalchuardach on page 136.

-Complete page 137 using your knowledge of the grammar we learned a few weeks ago. Look at the word in brackets at the end of the sentence for a clue.

-Complete page 138 about 'Treo' -Directions. You can do this by telling a partner what directions to draw as Gaeilge. Look at the yellow box at the top for the directions.

Maths

-Mental Maths: Page 98 to 100.

-Table Toppers: Page 46 & 47.

-Revise your **multiplication tables** by playing this game on the Topmarks website:

<https://www.topmarks.co.uk/maths-games/hit-the-button> Try to beat your previous score!

Topic: Length & Perimeter.

3rd Class Maths work: 3rd Class will not be using Planet Maths this week so instead I would like you to complete the following 4 worksheets attached below. **Please take a photo and email it to me for feedback.**

You can either print them out or complete the answers in your Maths copy.

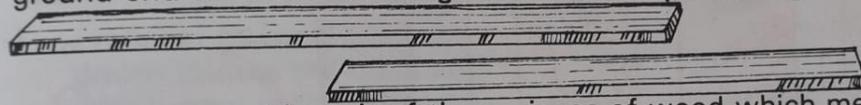
The perimeter of any figure is found by adding the total length of all its sides so simply add the length of all sides.

11. (a)
$$\begin{array}{r} \text{m} \quad \text{cm} \\ 12 \quad 45 \\ - 8 \quad 67 \\ \hline \end{array}$$
 (b)
$$\begin{array}{r} \text{m} \quad \text{cm} \\ 9 \quad 61 \\ - 4 \quad 78 \\ \hline \end{array}$$
 (c)
$$\begin{array}{r} 8 \cdot 36\text{m} \\ - 4 \cdot 28\text{m} \\ \hline \end{array}$$
 (d)
$$\begin{array}{r} 9 \cdot 47\text{m} \\ - 4 \cdot 63\text{m} \\ \hline \end{array}$$

12. (a) $4\text{m } 23\text{cm} + 5\text{m } 46\text{cm} + 2\text{m } 12\text{cm}$
 (b) $9\text{m } 47\text{cm} + 3\text{m } 64\text{cm} + 5\text{m } 76\text{cm}$

13. (a) $7\text{m } 68\text{cm} - 5\text{m } 24\text{cm}$ (b) $12\text{m } 43\text{cm} - 8\text{m } 68\text{cm}$
 (c) $9\text{m } 25\text{cm} - 4\text{m } 17\text{cm}$ (d) $13\text{m } 60\text{cm} - 9\text{m } 73\text{cm}$

14. Two pieces of wood, $5\text{m } 23\text{cm}$ and $4\text{m } 58\text{cm}$, were placed on the ground end to end. How long were the two pieces together?



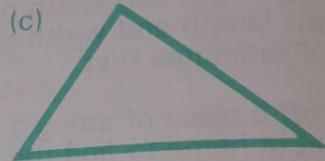
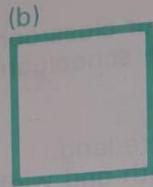
15. What is the total length of three pieces of wood which measure $3\text{m } 78\text{cm}$, $4\text{m } 35\text{cm}$ and $5\text{m } 17\text{cm}$?

16. From a piece of string $9\text{m } 45\text{cm}$ long, Tom cut off a piece $2\text{m } 78\text{cm}$ long. What length of string was left?

17.  A tree is $12\text{m } 70\text{cm}$ high. When Niall had climbed $9\text{m } 86\text{cm}$, how far was he from the top of the tree?

18. A man was painting a pole $9\text{m } 24\text{cm}$ long. He painted $2\text{m } 85\text{cm}$ of it red and $4\text{m } 62\text{cm}$ blue. He painted the rest of it yellow. What length of the pole was painted yellow?

6. Measure the sides of these shapes.



7. Write these centimetres as **metres and centimetres** and as **metres**.
The first two are done for you.

(a) $104\text{cm} = 1\text{m } 4\text{cm} = 1.04\text{m}$

(b) $115\text{cm} = 1\text{m } 15\text{cm} = 1.15\text{m}$

(c) $168\text{cm} = \underline{\hspace{2cm}}$

(d) $180\text{cm} = \underline{\hspace{2cm}}$

(e) $142\text{cm} = \underline{\hspace{2cm}}$

(f) $225\text{cm} = \underline{\hspace{2cm}}$

(g) $107\text{cm} = \underline{\hspace{2cm}}$

(h) $304\text{cm} = \underline{\hspace{2cm}}$

8. Change to centimetres. The first two are done for you.

(a) $2\text{m } 7\text{cm} = 207\text{cm}$

(b) $2.15\text{m} = 215\text{cm}$

(c) $1\text{m } 25\text{cm} = \underline{\hspace{2cm}}$

(d) $1.74\text{m} = \underline{\hspace{2cm}}$

Adding Metres and Centimetres

There are three ways to do it.

Examples

$$\begin{array}{r} \text{m} \quad \text{cm} \\ \text{(a)} \quad 4 \quad 46 \\ + 3 \quad 78 \\ \hline 8 \quad 24 \end{array}$$

or

$$\begin{array}{r} \text{(b)} \quad 4\text{m } 46\text{cm} \\ + 3\text{m } 78\text{cm} \\ \hline 8\text{m } 24\text{cm} \end{array}$$

or

$$\begin{array}{r} \text{(c)} \quad 4.46\text{m} \\ + 3.78\text{m} \\ \hline 8.24\text{m} \end{array}$$

$$\begin{array}{r} \text{9. (a)} \quad \text{m} \quad \text{cm} \\ \quad 2 \quad 27 \\ \quad 3 \quad 42 \\ + 1 \quad 76 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(b)} \quad \text{m} \quad \text{cm} \\ \quad 3 \quad 45 \\ \quad 1 \quad 63 \\ + 2 \quad 34 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(c)} \quad \text{m} \quad \text{cm} \\ \quad 5 \quad 36 \\ \quad 3 \quad 71 \\ + 4 \quad 48 \\ \hline \end{array}$$

$$\begin{array}{r} \text{(d)} \quad \text{m} \quad \text{cm} \\ \quad 1 \quad 25 \\ \quad 2 \quad 17 \\ + 3 \quad 34 \\ \hline \end{array}$$

$$\begin{array}{r} \text{10. (a)} \quad 1.47\text{m} \\ \quad 2.35\text{m} \\ + 3.16\text{m} \\ \hline \end{array}$$

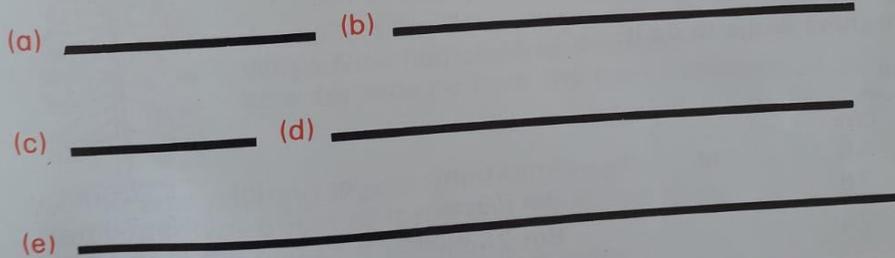
$$\begin{array}{r} \text{(b)} \quad 2.53\text{m} \\ \quad 4.67\text{m} \\ + 1.76\text{m} \\ \hline \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 6.14\text{m} \\ \quad 5.26\text{m} \\ + 4.79\text{m} \\ \hline \end{array}$$

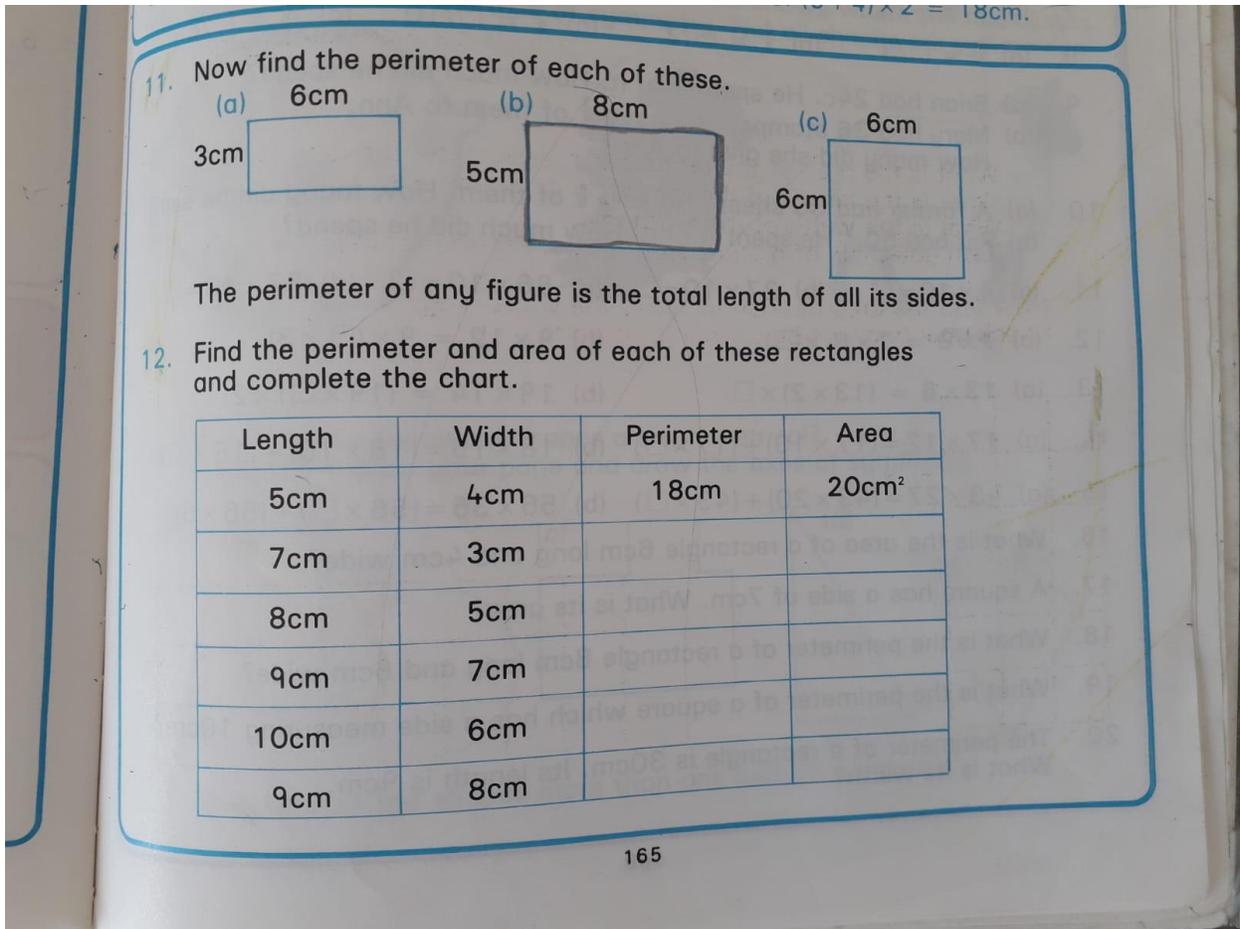
$$\begin{array}{r} \text{(d)} \quad 8.73\text{m} \\ \quad 2.48\text{m} \\ + 3.66\text{m} \\ \hline \end{array}$$

Chapter 25 Length

1. Measure in metres
 - (a) the length and width of your classroom and
 - (b) the length and width of the schoolyard/playground.Make estimates first.
2. Cut off a piece of string 1 metre long. Use it at home to find the length and width of
 - (a) your bedroom,
 - (b) the kitchen,
 - (c) the back garden,
 - (d) the front garden,
 - (e) the outside of your house.Estimate first and record your findings.
3. We cannot measure small things like a pencil, an envelope or a book in metres. We need a smaller unit called a centimetre (cm). There are 100 centimetres in 1 metre ($1\text{m} = 100\text{cm}$). (Your finger is about 1cm wide.) Your ruler is divided into centimetres. Use it to measure these lines.



4. Measure in centimetres:
 - (a) the length and width of your maths book.
 - (b) the width of your desk/table.
 - (c) the length of your shoe from heel to toe.In each case make an estimate first.
5. Use your ruler to draw lines of these lengths.
 - (a) 4cm
 - (b) 6cm
 - (c) $7\frac{1}{2}\text{cm}$
 - (d) 9cm



4th Class Maths Work: Topic: Length & Perimeter. Planet Maths Page 133 - 137.

Please take a photo and email it to me for feedback.

If you do not have your Planet Maths book please log onto Folensonline.ie and click register in order to access Planet Maths book.

Select Teacher. Fill in username etc. Roll number: Prim20

We are learning about length and perimeter this week. We already did a chapter on length a few months ago but we will be moving forward with a new concept-perimeter.

The perimeter of any figure is found by adding the total length of all its sides so simply add the length of all sides.

We know that the sides of a square are all the same length so if we are told the length of only one of the sides as being 5cm we know that the other sides must also be 5cm so the perimeter is $5+5+5+5=20$. You will notice that that is repeated addition so we can instead write $4 \times 5 = 20$.

Be careful not to confuse Area and Perimeter:

Area is the amount of space something takes up. $\text{Area} = \text{Length} \times \text{Width}$

Perimeter is the total length of all the sides.

Drawing pictures of some of the shapes and labelling what lengths you know will help you answer the questions.

Religion

Theme 10 Lesson 1 pages 79-81. At Mass We Listen to the Word of God. Read the stories with an adult. There is a sequencing and matching activity on the Grow in Love website. Log in as outlined below and select the Third & Fourth Class book -> Theme 10 Lesson 1 -> The two interactive activities.

To access the Grow in Love Website:

Simply login on the www.growinlove.ie website with the following details:

Email: trial@growinlove.ie

Password: growinlove

S.E.S.E.

Unlocking S.E.S.E. chapter 22 page 133-The Great Famine.

To access Twinkl for a free month:

Step 1: Go to twinklhq.twinkl.co.uk/offer

Step 2: Enter the code you have received, or CVDTWINKLHELPS if you have not yet been given a code.

Open the link below:

<https://www.twinkl.ie/resource/roi2-h-40076-the-great-irish-famine-display-facts-posters>

Answer the following questions into your S.E.S.E. copy:

1. What is a famine?
2. How many people died?
3. What is emigration?
4. How many people emigrated and where did they mainly go to?
5. How many potatoes did men, women and children eat every day?
6. What was a workhouse and what did people do there?
7. What was the name of the disease that attacked the potato crop in Ireland?
8. What were relief works?
9. Why was 1847 called Black '47?
10. What were coffin ships?

Art

Children's Art Competition
Draw or paint the Hero in your life helping you through this time

Are you:

- From the island of Ireland
- 6-14 years old

IF SO, GET YOUR SUBMISSION IN NOW!!!
Full details: www.drawyourhero.ie

DRAW YOUR HERO

- 3 Artist Prizes per Age Category
- Special Hero Prizes
- Art Exhibition & Awards Night

JUDGES

- Mike Fitzpatrick
- Roisin Upton
- Declan Hannon
- Louise Cantillon

Art supplies and gift cards are also featured, including 'ART ENSEMBLE SET' and 'One4all Gift Cards'.

We could take part in an Art competition this week! Please check with your parents that you can enter it.

Preparing Your Entry:

We want you to create your masterpiece based around who the superhero in your life has been during the current pandemic?

Here are some ideas to get your creatives juices flowing:

- Maybe it's your Mam or Dad who is a nurse or doctor on the frontline
- Perhaps it's your Gran or Grandad who are sticking out this social distancing like a trooper
- Maybe it's your Aunt or Uncle who are out delivering hot meals to the homeless, checking in on elderly neighbours or serving people in the pharmacy
- Could it be your brother or sister who helped to keep you entertained throughout the lockdown?
- Perhaps it could be your neighbour who is working round the clock as a paramedic or your cousin who is delivering all the goods to our shops

Size of artwork:

Your entry should not be smaller than A4 (29.7cm x 21.0cm) or bigger than A3 (29.7 x 42.0cm). Please create your artwork in flat format only, it should not be rolled, folded or framed.

Use of Materials

You may use any type of paper, white, coloured, rough or smooth. The work that you submit may be drawn or painted in pencil, charcoal, pen and ink, crayon, pastel, watercolour, gouache, acrylics, oils, poster colour and collage.

Originality:

Your work should be original and unaided.

Submit your masterpiece via our website link: <https://drawyourhero.ie/submit-your-artwork/>

(Please note that by submitting your entry you are giving your permission for your entry to be shared on our social media platforms).

Also please save your original work as we will display a selection of entries at the final awards ceremony so we may ask you to post to us later.

Please submit a good quality photo of your artwork accompanied with a short piece (no more than 200 words) outlining why your artwork highlights this particular hero in your life and what makes them so special.

Please do not allow your child to put their name on the front of their artwork as we want to keep the judging as fair as possible

Science

How strong is Spaghetti?

- This week I would like you to investigate the strength of spaghetti! Now, don't use up your family's whole supply of spaghetti or dinner time might be interesting! Check with your parents if they have some spaghetti they wouldn't mind you using. You can do this experiment with a small amount of spaghetti or lots - it won't affect the result.
 - First find a sturdy base - old styrofoam from packaging / a sponge / playdough rolled into a flat pancake / the garden(soil).
 - Then with place your spaghetti one by one into the base so they are standing vertically. Record how many pieces of spaghetti you use.
 - Next put on a 'lid'. If you have styrofoam or a sponge this will be easy. If not, balance a light book on top of the spaghetti.
 - Now comes the real investigation! On a page, using whatever items you like - books, stones (in a lunch box), sheets of paper etc, estimate how many your spaghetti tower will hold. For example: 15 books, 34 stones
 - It's time to investigate and record your answer!



This website will give you great guidance. You can improvise on what materials you are going to use. That's the joys of a STEM challenge! <https://frugalfun4boys.com/strong-spaghetti-stem-challenge-kids/>

The following is a list of optional activities:

-Free typing course for absolute beginners. One of the most useful skills you can learn.
<https://www.typingclub.com/>

-Garden Activity - I spotted this nice idea which you might like to try.

A Bee B&B! There are lots of ideas online but here is a simple one made from an old bottle, string and rolled up card.



-Yoga - <https://www.youtube.com/user/CosmicKidsYoga>

-Coding websites:

<https://www.tynker.com/>

<https://www.codeavengers.com/>

<https://scratch.mit.edu/>

<https://code.org/learn>

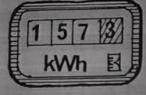
Answers to work from last week

3rd Class answers for Decimals:

2 parts make $\frac{2}{10}$; 3 parts make $\frac{3}{10}$; 4 parts make $\frac{4}{10}$;
 6 parts make $\frac{6}{10}$; 7 parts make $\frac{7}{10}$; 9 parts make $\frac{9}{10}$.
 $\frac{1}{10}$, $\frac{3}{10}$, $\frac{7}{10}$ etc. are called **fractions**.
 We can write tenths another way.

0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

0.1 is called a **decimal fraction**. We read it like this: zero point 1.
 So $\frac{1}{10} = 0.1$ $\frac{2}{10} = 0.2$ $\frac{3}{10} = 0.3$ $\frac{7}{10} = 0.7$



The number of units of electricity used by this family is 157.3 or $157\frac{3}{10}$ units.

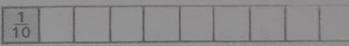
1. Write these fractions as decimal fractions.
 (a) $\frac{4}{10} = \boxed{0.4}$ (b) $\frac{5}{10} = \boxed{0.5}$ (c) $\frac{9}{10} = \boxed{0.9}$ (d) $\frac{8}{10} = \boxed{0.8}$ (e) $\frac{6}{10} = \boxed{0.6}$

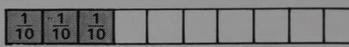
2. Write these decimal fractions as fractions.
 (a) $0.3 = \boxed{\frac{3}{10}}$ (b) $0.4 = \boxed{\frac{4}{10}}$ (c) $0.7 = \boxed{\frac{7}{10}}$ (d) $0.9 = \boxed{\frac{9}{10}}$ (e) $0.5 = \boxed{\frac{5}{10}}$

3. What decimal fraction of each of these is shaded?
 (a)  0.3 (b)  0.5
 (c)  0.6 (d)  0.8

No. tell what decimal fraction of each is not shaded.
 (a) 0.7 (b) 0.5 (c) 0.4 (d) 0.2

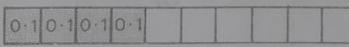
4. Complete these.
 (a) $0.1 + 0.9 = 1$ (b) $0.2 + \boxed{0.8} = 1$ (c) $0.3 + \boxed{0.7} = 1$
 (d) $0.4 + \boxed{0.6} = 1$ (e) $0.8 + \boxed{0.2} = 1$ (f) $0.5 + \boxed{0.5} = 1$

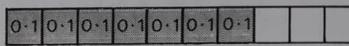
5. (a) $\boxed{\text{One unit} = 1 \cdot 0}$ + $\boxed{\frac{1}{10}}$ 
 $1 + \frac{1}{10} = 1\frac{1}{10} = 1 \cdot 1$

(b) $\boxed{\text{One unit} = 1 \cdot 0}$ + $\boxed{\frac{1}{10} \frac{1}{10} \frac{1}{10}}$ 
 $1 + \frac{3}{10} = 1\frac{3}{10} = 1 \cdot 3$

Now try these. Draw a diagram for each one.

- (a) $1\frac{4}{10}$ (b) $1\frac{6}{10}$ (c) $1\frac{9}{10}$ (d) $1\frac{7}{10}$

6. (a) $\boxed{\text{One unit} = 1 \cdot 0}$ + $\boxed{0 \cdot 1 \ 0 \cdot 1 \ 0 \cdot 1 \ 0 \cdot 1}$ 
 $1 + 0 \cdot 4 = 1 \cdot 4 = 1\frac{4}{10}$

(b) $\boxed{\text{One unit} = 1 \cdot 0}$ + $\boxed{0 \cdot 1 \ 0 \cdot 1}$ 
 $1 + 0 \cdot 7 = 1 \cdot 7 = 1\frac{7}{10}$

Now try these. Draw diagrams for the first four.

- (a) $1 \cdot 3$ (b) $1 \cdot 5$ (c) $1 \cdot 8$ (d) $1 \cdot 6$ (e) $1 \cdot 9$ (f) $2 \cdot 3$

7. Ten tenths = one unit = $1 \cdot 0$.

$\boxed{\text{One unit}}$ + $\boxed{\frac{1}{10}}$ 

This diagram shows one unit + $\frac{1}{10}$, which = $\frac{10}{10} + \frac{1}{10}$, which = $\frac{11}{10}$.

We see that $\frac{11}{10} = 1 \cdot 1$.

Draw a diagram to show that $\frac{13}{10} = 1 \cdot 3$.

Now try these.

- (a) $\frac{15}{10}$ (b) $\frac{17}{10}$ (c) $\frac{14}{10}$ (d) $\frac{19}{10}$

8. How many tenths in each of these?

- (a) $0 \cdot 7$ **7** (b) $0 \cdot 9$ **9** (c) $1 \cdot 0$ **10** (d) $1 \cdot 3$ **13**
 (e) $1 \cdot 6$ **16** (f) $1 \cdot 9$ **19** (g) $2 \cdot 0$ **20** (h) $2 \cdot 3$ **23**

9. Write these fractions as decimals.

- (a) $\frac{9}{10}$ **0.9** (b) $1\frac{3}{10}$ **1.3** (c) $1\frac{7}{10}$ **1.7** (d) $2\frac{1}{10}$ **2.1** (e) $\frac{3}{10}$ **0.3** (f) $2\frac{9}{10}$ **2.9** (g) $3\frac{3}{10}$ **3.3** (h) $4\frac{7}{10}$ **4.7**

10. Put the correct sign ($<$, $=$ or $>$) in each box in these questions.

- (a) $\frac{7}{10} \boxed{=}$ $0 \cdot 7$ (b) $\frac{13}{10} \boxed{=}$ $1 \cdot 3$ (c) $1 \cdot 0 \boxed{>}$ $0 \cdot 1$ (d) $1 \cdot 2 \boxed{>}$ $1\frac{1}{10}$

$$\begin{array}{r} 14. \text{ (a)} \quad 0.4 \\ + 0.5 \\ \hline 0.9 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 0.4 \\ + 0.6 \\ \hline 1.0 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 0.9 \\ + 0.3 \\ \hline 1.2 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 0.8 \\ + 0.7 \\ \hline 1.5 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 1.3 \\ + 1.6 \\ \hline 2.9 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad 1.7 \\ + 1.6 \\ \hline 3.3 \end{array}$$

$$\begin{array}{r} 15. \text{ (a)} \quad 0.3 \\ \quad 0.4 \\ + 0.2 \\ \hline 0.9 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 1.3 \\ \quad 1.4 \\ + 0.1 \\ \hline 2.8 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 1.5 \\ \quad 1.4 \\ + 0.3 \\ \hline 3.2 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 2.4 \\ \quad 1.8 \\ + 1.3 \\ \hline 5.5 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 3.2 \\ \quad 1.7 \\ + 2.9 \\ \hline 7.8 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad 12.3 \\ \quad 2.8 \\ + 17.5 \\ \hline 22.6 \end{array}$$

$$16. \text{ (a)} \quad 0.4 + 0.5 + 0.3 = 1.2$$

$$\text{(c)} \quad 2.3 + 2.5 + 1.4 = 6.2$$

$$\text{(b)} \quad 1.2 + 1.4 + 1.7 = 4.3$$

$$\text{(d)} \quad 1.9 + 3.5 + 0.3 = 5.7$$

Subtracting Decimals

We subtract decimals in the same way as we subtract whole numbers. The decimal points must be kept under each other.

Examples

$$\begin{array}{r} \text{(a)} \quad 18 \quad 1.8 \\ - 13 \quad - 1.3 \\ \hline 5 \quad 0.5 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 29 \quad 2.9 \\ - 15 \quad - 1.5 \\ \hline 14 \quad 1.4 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 42 \quad 4.2 \\ - 26 \quad - 2.6 \\ \hline 16 \quad 1.6 \end{array}$$

$$\begin{array}{r} 17. \text{ (a)} \quad 0.8 \\ - 0.6 \\ \hline 0.2 \end{array}$$

$$\begin{array}{r} \text{(b)} \quad 1.0 \\ - 0.3 \\ \hline 0.7 \end{array}$$

$$\begin{array}{r} \text{(c)} \quad 1.7 \\ - 0.8 \\ \hline 0.9 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 2.3 \\ - 1.4 \\ \hline 0.9 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 4.3 \\ - 2.5 \\ \hline 1.8 \end{array}$$

$$\begin{array}{r} \text{(f)} \quad 16.4 \\ - 03.9 \\ \hline 12.5 \end{array}$$

$$18. \text{ (a)} \quad 0.9 - 0.4 = 0.5 \quad \text{(b)} \quad 1.3 - 0.5 = 0.8 \quad \text{(c)} \quad 2.9 - 1.3 = 1.6$$

$$19. \text{ (a)} \quad 1.3 + 1.8 - 1.7 = 1.4$$

$$\text{(c)} \quad 6.5 + 4.3 - 4.6 = 6.2$$

$$\text{(b)} \quad 2.4 + 3.9 - 4.5 = 1.8$$

$$\text{(d)} \quad 7.5 + 4.8 - 6.7 = 5.6$$

More Adding

(Remember We add decimals like we add whole numbers.)

Examples

(a)	$\begin{array}{r} 64 \\ + 26 \\ \hline 90 \end{array}$	$\begin{array}{r} 0.64 \\ + 0.26 \\ \hline 0.90 \end{array}$
-----	--	--

(b)	$\begin{array}{r} 257 \\ + 168 \\ \hline 425 \end{array}$	$\begin{array}{r} 2.57 \\ + 1.68 \\ \hline 4.25 \end{array}$
-----	---	--

<p>(a)</p> $\begin{array}{r} \text{€} \\ 0.35 \\ + 0.27 \\ \hline 0.62 \\ \hline 1.37 \\ + 1.49 \\ \hline 2.86 \end{array}$	<p>(b)</p> $\begin{array}{r} \text{€} \\ 0.38 \\ + 0.49 \\ \hline 0.87 \\ \hline 1.54 \\ + 1.68 \\ \hline 3.22 \end{array}$	<p>(c)</p> $\begin{array}{r} \text{€} \\ 0.76 \\ + 0.87 \\ \hline 1.63 \\ \hline 2.38 \\ + 1.87 \\ \hline 4.25 \end{array}$
<p>(d)</p> $\begin{array}{r} 1.15 \\ 0.47 \\ + 0.54 \\ \hline 2.16 \end{array}$	<p>(e)</p> $\begin{array}{r} 1.34 \\ 1.57 \\ + 1.45 \\ \hline 4.36 \end{array}$	<p>(f)</p> $\begin{array}{r} 2.53 \\ 1.08 \\ + 2.70 \\ \hline 6.31 \end{array}$
<p>(g)</p> $\begin{array}{r} 4.26 \\ 0.65 \\ + 3.78 \\ \hline 8.69 \end{array}$	<p>(h)</p> $\begin{array}{r} 17.32 \\ 14.80 \\ + 12.59 \\ \hline 44.71 \end{array}$	<p>(i)</p> $\begin{array}{r} 16.43 \\ 12.98 \\ + 10.47 \\ \hline 39.88 \end{array}$

<p>28. (a)</p> $\begin{array}{r} \text{€} \\ 6.47 \\ - 2.69 \\ \hline 3.78 \end{array}$	<p>(b)</p> $\begin{array}{r} \text{€} \\ 3.45 \\ - 2.73 \\ \hline 0.72 \end{array}$	<p>(c)</p> $\begin{array}{r} \text{€} \\ 2.04 \\ - 0.67 \\ \hline 1.37 \end{array}$
<p>(d)</p> $\begin{array}{r} 6.07 \\ - 4.18 \\ \hline 1.89 \end{array}$	<p>(e)</p> $\begin{array}{r} 9.70 \\ - 4.86 \\ \hline 4.84 \end{array}$	<p>(f)</p> $\begin{array}{r} 10.36 \\ - 8.67 \\ \hline 1.69 \end{array}$
<p>(g)</p> $\begin{array}{r} 12.07 \\ - 9.39 \\ \hline 2.68 \end{array}$	<p>(h)</p> $\begin{array}{r} 16.40 \\ - 13.65 \\ \hline 2.75 \end{array}$	<p>(i)</p> $\begin{array}{r} 20.00 \\ - 16.07 \\ \hline 3.93 \end{array}$

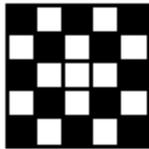
29. Add €9.13, €0.09 and €5.60. €14.82
30. From €18.70 take €14.36. €4.34
31. Change to decimals and add. $3\frac{13}{100}$ $4\frac{17}{100}$ $8\frac{3}{100}$
32. Subtract 3.8 from each of these numbers.
 (a) $7.9 = 4.1$ (b) $9.3 = 5.5$ (c) $12.5 = 8.7$ (d) $16.2 = 12.4$
33. What must be added to each of these to make 19.3?
 (a) $7.8 = 11.5$ (b) $9.4 = 9.9$ (c) $13.5 = 5.8$ (d) $11.7 = 7.6$
34. Add €6.48 to each of these amounts.
 (a) $€2.35 = 8.83$ (b) $€5.49 = 11.97$ (c) $€3.64 = 10.12$ (d) $€13.09 = 19.57$
35. Find 0.1 of each of these.
 (a) 30 = 3.0 (b) 50 = 5.0 (c) 70 = 7.0 (d) 100 = 10.0
36. (a) Tom had 90c. He spent 0.1 of it. How much did he spend? 9c
 (b) Ann had 60c. She spent 0.1 of it. How much had she left? 54c
37. A farmer had 40 sheep. He sold 4 of them.
 What decimal fraction of his sheep did he sell? $\frac{4}{40} = \frac{1}{10} = 0.1$

13. Teacher Check. Sample answer: 0-9
 14. The length and width of a square are equal. Should read 'rectangle'.
 15. 10cm

D.

1. 12 pairs 2. 400
 3. 40 times 4. 366 days
 5. 1 chance in 6 6. Left
 7. None of these (6:24)

8. D:



9. 4.2 10. 8 quarters

Topic: Division 2 Page 104

B.

1. (a) 7 (b) 5 (c) 8
 2. (a) 11 (b) 6 (c) 9
 3. (a) 7 (b) 12 (c) 3
 4. (a) 5 (b) 7 (c) 2
 5. (a) 9 (b) 11 (c) 1
 6. (a) 7 r 3 (b) 4 r 3 (c) 4 r 3
 7. (a) 6 r 1 (b) 6 r 1 (c) 6 r 5
 8. (a) 31 (b) 21 (c) 34
 (d) 16 (e) 13
 9. (a) 19 (b) 19 (c) 14
 (d) 16 (e) 19
 10. (a) 28 r 1 (b) 29 r 1 (c) 15 r 3
 (d) 13 r 1 (e) 17 r 4

C.

1. 50 2. 5 3. None of these
 4. 12 r 2 5. None of these

Topic: Division 2 Page 105

A.

1. (a) 177 (b) 163 (c) 168
 2. (a) 185 (b) 138 (c) 147
 3. (a) 142 (b) 156 (c) 129
 4. (a) 184 (b) 284 (c) 133
 (d) 123 (e) 133

B.

1. $815 \div 5 = 163$
 $894 \div 6 = 149$
 $912 \div 8 = 114$
 $875 \div 7 = 125$
 2. 418
 $836 \div 2 = 418$
 3. 32 teams
 4. 139 cards each
 5. 136 weeks
 6. 696 paintings left

Topic: Division 2 Page 106

A.

1. (a) 122 r 3 (b) 118 r 1
 (c) 215 r 3 (d) 129 r 2
 (e) 126 r 5
 2. (a) 258 r 2 (b) 198 r 1
 (c) 106 r 3 (d) 123 r 4
 (e) 236 r 1

3. 56 chairs and one leg left over
 4. 38 jeeps and 2 wheels left over
 5. 35 tents (not 34 r 4)

B.

1. (a) 203 (b) 308
 (c) 109
 2. (a) 103 (b) 107 r 3
 (c) 109
 3. (a) 208 r 1 (b) 209 r 3
 (c) 105 r 4 (d) 100 r 5
 (e) 100 r 2
 4. 107 times 5. 104 pages

C.

1. Omitted the remainder:
 correct answer 56 r 2
 2. Omitted the zero:
 correct answer 108
 3. Calculating error:
 correct answer 155
 4. Omitted the zero:
 correct answer 304
 5. Omitted the zero:
 correct answer 406 r 1

Topic: Division 2 Page 107

A.

1. (a) 60 (b) 110 (c) 50 (d) 50
 (e) 80 (f) 70 (g) 40 (h) 90
 (i) 60 (j) 30 (k) 40 (l) 70
 2. (a) 20 (b) 40 (c) 50 (d) 90
 (e) 30 (f) 70 (g) 20 (h) 90
 (i) 80 (j) 90
 3. (a) 60 (b) 20 (c) 80 (d) 40
 (e) 50 (f) 90 (g) 100 (h) 50
 4. (a) 60 (b) 90 (c) 20 (d) 40
 (e) 80 (f) 20 (g) 70 (h) 100
 5. (a) 60 trays (b) 60 trays
 (c) 70 trays

B.

1. (a) 7 (b) 6 (c) 4 (d) 9
 (e) 8 (f) 5 (g) 12 (h) 15
 (i) 18 (j) 23 (k) 36 (l) 42
 2. (a) 18 (b) 26 (c) 27 (d) 34
 (e) 75 (f) 83 (g) 72 (h) 16

Topic: Division 2 Page 108

A.

A division question has a remainder when the amount we have cannot be shared equally.

B.

1. (a) 223 r 1 (b) 121 r 2
 (c) 65 r 4 (d) 93 r 5
 (e) 142 r 4
 2. (a) 147 r 3 (b) 249 r 1
 (c) 103 (d) 98 r 6
 (e) 107
 3. (a) 248 r 2 (b) 142 r 5
 (c) 124 r 5 (d) 207
 (e) 88 r 8

C.

1. 10 buildings, 3 cubes left
 2. 16 buildings, 8 cubes left
 3. (a) 23 boxes (b) 56 boxes
 (c) 31 boxes (d) 64 boxes

- (e) 29 boxes (f) 86 boxes
 (g) 38 boxes (h) 109 boxes
 (i) 45 boxes (j) 113 boxes

D.

1. No
 2. Estimating helps us to realise that the answer we have worked out might be wrong if it is very different to our estimate. Estimation is very useful when we want a quick or rough answer, especially if there is no pencil and paper or calculator handy.
 3. Division and multiplication tables are like opposites.

4. 9

E.

1. 24 2. 283
 3. 103 4. 179
 5. 102 6. 116
 7. 187 8. 109
 9. 207 10. 93
 11. 107 12. 66

Topic: Decimals 2 Page 109

B.

1. (a) 0-6 (b) 0-8 (c) 0-9 (d) 0-8
 2. (a) 1-7 (b) 1-6 (c) 1-4 (d) 1-8
 3. (a) 2 (b) 2-7 (c) 2-9 (d) 3-7
 4. (a) 3-3 (b) 8-7 (c) 4-3 (d) 5-1
 5. (a) 2-02 (b) 9-08 (c) 4-07 (d) 3-06
 6. (a) 9-1 (b) 11-9 (c) 5-5 (d) 12-4

Topic: Decimals 2 Page 110

A.

1. (a) 3-87 (b) 8-27 (c) 36-27
 (d) 42-41 (e) 23-23
 2. (a) 7-13 (b) 12-01 (c) 87-97
 (d) 29-19 (e) 45-28 (f) 57-99
 (g) 69-08 (h) 26-08
 3. (a) 60-58 (b) 29-76 (c) 23-69
 (d) 14-48 (e) 10-77 (f) 55-46
 4. (a) 9-05 (b) 9-95 (c) 19-40
 (d) 'rainy day' / interest

B.

1. (a) 2-53 (b) 2-86
 (c) 4-22 (d) 0-89
 (e) 2-68
 2. (a) 1-1 (b) 1-7
 (c) 3-7 (d) 3
 3. (a) 4-83 (b) 6-19
 (c) 36-64 (d) 35-35
 4. (a) 2-04 (b) 7-85
 (c) 11-51 (d) 22-98
 5. €9-01 6. 1-75m

Topic: Decimals 2 Page 111

A.

1. 2-0 5-0 9-0 10-0
 14-0 21-0 100-0 135-0
 159-0 160-0 200-0 301-0
 2. (a) 2-7 (b) 3-4 (c) 5-5
 (d) 1-19 (e) 5-54 (f) 8-66
 3. (a) 1-3 (b) 3-2 (c) 6-6
 (d) 7-61 (e) 8-22 (f) 11-08

Challenge Yourself!

- Start – dead tree – pile of rocks – treasure 135-05m
- 173-56m
- 200-43m
- 12-78m
- 31-28m
- 302-81m

B.

- (a) 29-61 (b) 296-1 (c) 50-16
- (a) 501-6 (b) 45-72 (c) 457-2
- (a) 42-18 (b) 13-92 (c) 148-2
(d) 38-82 (e) 54-06 (f) 332-4
(g) 44-46 (h) 30-42 (i) 44-4
(j) 43-5 (k) 55-98 (l) 317-4

Topic: Decimals 2 Page 112**A.**

- (a) 1-68 (b) 1-84 (c) 1-22
(d) 1-58
- (a) 2-34 (b) 2-44 (c) 1-43
(d) 1-35
- (a) 3-35 (b) 2-75 (c) 1-53
(d) 0-94 (e) 0-71 (f) 1-02

B.

- (a) 1-75 (b) 1-5 (c) 4-5
(d) 3-5
- (a) 2-4 (b) 5-5 (c) 15-5
(d) 23-5
- (a) 6-6 (b) 45-5 (c) 8-75
(d) 9-8
- (a) 2-5 (b) 4-5 (c) 6-5
(d) 3-25
- 1-4kg
- (a) Ron 13-5 mb Rita 10-8 mb
Tom 6-75 mb
(b) Ron 40-5 mb Rita 43-2 mb
Tom 47-25 mb

C.

- 3-8
- None of these (4-75)
- 0-85
- None of these (0-35)

Topic: Decimals 2 Page 113**A.**

Decimal point separates whole values from the fractional parts of a number.

B.

- (a) 9-8 (b) 12-47
(c) 26-45 (d) 18-71
- (a) 2-35 (b) 3-09
(c) 6-35 (d) 14-96
- (a) 34-08 (b) 97-3
(c) 24-93 (d) 142-8

C.

- (a) €27-52 (b) €0-43

D.

Underneath
Estimate
After

E.

- (a) €37-75 (b) €14-49
(c) €16-24 (d) €68-48
- Rings €76

Locket €24-95

Pearls €26-25

Earrings €261

Bracelets €48-93

Necklaces €55-50

Total Value: €492-63

- (a) Ring €10-50
Locket €5-99
Pearls €9-75
Earrings €30
Bracelet €7-99
Necklace €10-25
(b) Total: €492-63 + €38 = €530-63

Topic: Weight Page 114**B.**

- 3g
- 30kg
- 2kg
- 4.50g
- 100g

C.

- 450g
- 180kg
- 2kg
- 32kg

Topic: Weight Page 115**A.**

- 10g + 5g + 1g + 1g
- 5g + 1g
- 10g + 10g + 10g + 10g
- 10g + 10g + 5g
- 10g + 10g + 5g + 1g + 1g + 1g
- 10g + 1g
- 10g + 10g + 1g
- 10g + 10g + 10g + 1g + 1g + 1g
- 10g + 10g + 10g + 10g + 10g + 1g

B.

- Teacher Check
- (a) 4,300g (b) 1,900g
(c) 2,200g (d) 3,600g
(e) 1,250g (f) 3,450g
(g) 7,890g (h) 2,089g
(i) 1,070g (j) 3,008g
(k) 3,080g (l) 3,800g
- (a) 1kg 300g (b) 2kg 600g
(c) 7kg 900g (d) 4kg 600g
(e) 2kg 450g (f) 1kg 750g
(g) 6kg 590g (h) 2kg 340g
(i) 2kg 70g (j) 3kg 8g
(k) 6kg 80g (l) 1kg 1g
(m) 0kg 85g (n) 2kg 500g
(o) 3kg 250g (p) 4kg 750g

C.

Approximations only. Weight will depend on size, etc.
Litre of water weighs around 1kg.
Large elephant weighs around 5,000kg (5 tonnes).
Bicycle weighs around 10kg.
Bar of gold weighs around 12-4kg.
Small bar of chocolate weighs around 100g (much variance).
Bag of coal weighs around 40kg.
Discussion point: gold is very heavy.
A bar of gold that is the same size as a bar of chocolate would weigh much more than the chocolate.

Topic: Weight Page 116**A.**

- (a) 4-64kg (b) 5-23kg
(c) 8-69kg (d) 9-12kg
(e) 1-97kg (f) 3-3kg
(g) 3-03kg (h) 2-09kg
(i) 2-5kg (j) 5-25kg
(k) 0-75kg (l) 7-75kg
- (a) 4kg 560g (b) 1kg 550g
(c) 8kg 780g (d) 9kg 240g
(e) 1kg 990g (f) 2kg 500g
(g) 3kg 600g (h) 4kg 800g
(i) 4kg 80g (j) 2kg 10g
(k) 3kg 30g (l) 4kg 150g

B.

- (a) 5kg 572g (b) 8kg 516g
(c) 7kg 171g (d) 8kg 990g
(e) 8kg 30g
- (a) 3kg 260g (b) 2kg 347g
(c) 2kg 244g (d) 1kg 886g
(e) 3kg 765g

C.

- 7kg 600g
- Gross weight is greater
- 450g
- 454g
- 716g
- 446g
- The bag with an advertised net weight of 100g is better value
Discussion Point: why is this bag better value?

Topic: Weight Page 117**A.**

- | | |
|-------|--------------------|
| Alf | light flyweight |
| Joe | bantamweight |
| Bert | heavyweight |
| Dan | middleweight |
| Ernie | light heavyweight |
| AJ | super heavyweight |
| Ali | light welterweight |
| Hal | featherweight |

B.

- (a) 15-19kg (b) 14-72kg
(c) 47-34kg
- (a) 14-55kg (b) 31-45kg
(c) 9-84kg (d) 14-46kg
(e) 8-32kg (f) 27-63kg
- 30kg + 36kg = 66kg
- (a) 3-120kg (b) 3-410kg
(c) 1-130kg (d) 1-020kg
(e) 2-160kg (f) 3-28kg
- 1kg 88g
- 1-25kg

Discussion Point: The above answer assumes she lost the same amount of weight each day (which is unlikely). There are many possible correct answers.

Topic: Weight Page 118

- Teacher Check

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

<p style="text-align: center;">Thursday</p> <p>1. 7 2. 25 3. 0 4. 54 5. 40 6. 21 7. 1, 6 8. 0, 6 9. 22 10. 36 11. 12 12. 2.00 13. 6 14. September 15. 90 16. 8 17. 25, 6 18. 890 19. 1.55 20. 3</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 12 2. 12, 24</p> <p style="text-align: center;">Tuesday</p> <p>1. Teacher check 2. Teacher check</p> <p style="text-align: center;">Wednesday</p> <p>1. 10 2. <table style="display: inline-table; border-collapse: collapse;"><tr><td style="border: 1px solid black; padding: 2px;">9</td></tr><tr><td style="border: 1px solid black; padding: 2px;">5 2 4</td></tr></table></p> <p style="text-align: center;">Thursday</p> <p>1. B 2. A</p> <p style="text-align: center;">Friday Review</p> <p>1. 650 2. 10 3. 7 4. 600 5. 210 6. B 7. 10 rulers 8. 7 9. 20, 11 10. 1.0 11. False 12. 55 13. 24 14. 36 15. 390 16. 25 17. 8 18. 56 19. 2 20. pyramid 21. 24 22. April</p>	9	5 2 4	<p>23. yes 24. 1, 6 25. 6, 6</p> <p style="text-align: center;">Week 31 pages 92–94</p> <p style="text-align: center;">Monday</p> <p>1. 8, 10 2. 15 3. 55 4. 3, 1 5. Teacher check 6. 2, 20 7. 46 8. True 9. 5 10. 100 11. 750 12. False 13. 250 14. 390 15. square 16. 72 17. Teacher check 18. 0.7 19. cuboid 20. $\frac{4}{10} \cdot \frac{1}{2} \cdot \frac{3}{4}$</p> <p style="text-align: center;">Tuesday</p> <p>1. 3 2. 2, 1 3. 15 4. 30×7 5. 39 6. square, rectangle 7. 590 8. 920 9. 7 10. 0.5 11. 82 12. 500 13. False 14. 7 15. 500 16. fish 17. rabbit 18. cat, bird 19. 25 20. 60</p> <p style="text-align: center;">Wednesday</p> <p>1. 200 2. 2, 1 3. 32 4. Teacher check 5. 4 6. 12 7. 0.2 8. 26 9. 750</p>	<p>10. 15 11. 325 12. Teacher check 13. 12 14. 2, 12 15. True 16. 40×3 17. pyramid 18. 15 19. 2, 6 20. 1, 6</p> <p style="text-align: center;">Thursday</p> <p>1. 50 2. 59 3. 2.60 4. cone 5. 4, 1 6. 2, 30 7. $\frac{2}{8} \cdot \frac{6}{10} \cdot \frac{3}{4}$ 8. 42 9. 500 10. 999 11. rectangle 12. 86 13. 250 14. 400 15. Teacher check 16. 720 17. 36 18. Teacher check 19. 45 20. 5</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 300 2. 150</p> <p style="text-align: center;">Tuesday</p> <p>1. Harness 2. Neigh, Iron shoes</p> <p style="text-align: center;">Wednesday</p> <p>1. 81 2. Teacher check</p> <p style="text-align: center;">Thursday</p> <p><table style="display: inline-table; border-collapse: collapse;"><tr><td style="border: 1px solid black; padding: 2px;">4</td></tr><tr><td style="border: 1px solid black; padding: 2px;">3 7 1</td></tr></table></p> <p>1. <table style="display: inline-table; border-collapse: collapse;"><tr><td style="border: 1px solid black; padding: 2px;">3</td><td style="border: 1px solid black; padding: 2px;">7</td><td style="border: 1px solid black; padding: 2px;">1</td></tr></table> 2. 7.00</p> <p style="text-align: center;">Friday Review</p> <p>1. 210 2. 18 3. 6 4. 2, 10 5. 30 6. 4, 1 7. triangular prism 8. 1, 24 9. 28 10. False</p>	4	3 7 1	3	7	1	<p>11. 400 12. 24 13. 6 14. 750 15. 299 16. 50×6 17. Teacher check 18. 50 19. 3 20. Teacher check 21. False 22. 1.90 23. 0.9 24. $\frac{1}{4} \cdot \frac{4}{9} \cdot \frac{9}{10}$ 25. Teacher check</p> <p style="text-align: center;">Week 32 pages 95–97</p> <p style="text-align: center;">Monday</p> <p>1. 650 2. 27 3. 2, 2 4. 71 5. 2.95 6. 5, 40 7. Teacher check 8. heads, tails 9. 69 10. 0.3 11. 6, 10 12. 20 13. sphere 14. 5×30 15. Teacher check 16. 290 17. 0.8 18. irregular 19. 108 20. True</p> <p style="text-align: center;">Tuesday</p> <p>1. 990 2. 54 3. 1, 2 4. 60 5. yes 6. 2.90 7. $40 \div 10$ 8. 1, 3 9. 2, 3 10. 42 11. 3, 24 12. 0.2 13. 39 14. 0.9 15. 3 16. $\frac{1}{4} \cdot \frac{4}{6} \cdot \frac{9}{10}$ 17. 5×20 18. 499 19. 3</p>	<p>20. Teacher check</p> <p style="text-align: center;">Wednesday</p> <p>1. 6 2. 48 3. 10, 8 4. 74 5. 30 6. 2, 1 7. 5×20 8. 49 9. 500 10. 1, 24 11. 0.2 12. 350 13. 750 14. 700 15. 4 16. M 17. Thursday 18. 6 19. Thursday 20. 7th, 14th, 21st, 28th</p> <p style="text-align: center;">Thursday</p> <p>1. 3, 1 2. 56 3. 150 4. 1, 3 5. 1.95 6. $\frac{3}{10} \cdot \frac{1}{2} \cdot \frac{6}{8}$ 7. 75 8. 230 9. 46 10. 1300 11. 650 12. 470 13. 4, 54 14. 0.9 15. 5×30 16. 63 17. 20, 10 or 9:40 18. 378 19. 9 20. 0.8</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. $\frac{5}{10}$ or $\frac{1}{2}$ 2. 0.3</p> <p style="text-align: center;">Tuesday</p> <p>1. $\frac{1}{2}$ 2. $\frac{1}{10}$</p> <p style="text-align: center;">Wednesday</p> <p>1. Teacher check 2. 90</p> <p style="text-align: center;">Thursday</p> <p>1. 20 km</p>
9											
5 2 4											
4											
3 7 1											
3	7	1									

NEW WAVE MENTAL MATHS (3rd Class book) – Answers

<p>2. 40 km</p> <p style="text-align: center;">Friday Review</p> <p>1. 125 kg 2. $\frac{2}{10}$ or $\frac{1}{5}$ 3. 2, 2 4. 28 5. 37 6. 999 7. 4, 45 8. yes 9. 48 10. 10 11. 296 12. 270 13. 75 14. 1.95 15. 2, 3 16. 6×20 17. 0.7 18. 490 19. 40 20. $\frac{2}{10} \cdot \frac{1}{2} \cdot \frac{3}{4}$ 21. 4 22. 705 23. 4 24. 5 25. 0.6</p> <p style="text-align: center;">Week 33 pages 98–100</p> <p style="text-align: center;">Monday</p> <p>1. Teacher check 2. 1, 3 3. pyramid 4. 3, 45 5. 80 6. True 7. 6×20 8. 805 9. sphere 10. Teacher check 11. 7.00 12. 0.9 13. hexagon 14. 15 15. 4 16. 9 17. 28 18. 2, 4 19. $\frac{2}{10} \cdot \frac{4}{8} \cdot \frac{3}{4}$ 20. 7, 1</p> <p style="text-align: center;">Tuesday</p> <p>1. Teacher check 2. 1, 3 3. 4 4. 5, 1 5. 4, 18 6. 900</p>	<p>7. cube 8. 6×30 9. 17 10. 8 11. 48 12. 790 13. 2 of jug A 14. 20 15. 550 16. 5 17. True 18. 32 19. 3 20. 14</p> <p style="text-align: center;">Wednesday</p> <p>1. Teacher check 2. 1, 3 3. 6×20 4. 700 5. 100 6. 8, 1 7. 2, 40 8. 25 9. Teacher check 10. 7×70 11. 210 12. 900, 6 13. 1.6 14. 4 15. 820 16. sun 17. snow 18. autumn 19. 8 20. cloud, wind</p> <p style="text-align: center;">Thursday</p> <p>1. Teacher check 2. 1, 1 3. 6 4. 4 5. 0.2 6. 54 7. Teacher check 8. 970 9. 28 10. 44 11. 25 12. 750 13. 10, 9 14. 2, 4 15. 32 16. oval 17. 6, 2 18. 90 19. 250 20. cube</p>	<p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. Teacher check 2. Lynn</p> <p style="text-align: center;">Tuesday</p> <p>1. 4 2. 16</p> <p style="text-align: center;">Wednesday</p> <p>1. one equal part of 2 ($\frac{1}{2}$) 2. one half ($\frac{1}{2}$) of the square.</p> <p style="text-align: center;">Thursday</p> <p>1. $\frac{1}{4}$ of the square 2. winter</p> <p style="text-align: center;">Friday Review</p> <p>1. Teacher check 2. 12 3. 16 4. 2, 1 5. yes 6. Teacher check 7. 3, 35 8. 46 9. True 10. 701 11. 80 12. 850 13. $\frac{2}{8} \cdot \frac{4}{10} \cdot \frac{3}{4}$ 14. 4 15. 480 16. 42 17. 5 18. no 19. 7×80 20. square-based pyramid 21. 0.6 22. 10.00 23. 25 24. 45 25. 6</p> <p style="text-align: center;">Week 34 pages 101–103</p> <p style="text-align: center;">Monday</p> <p>1. Teacher check 2. 30 3. 6, 1 4. 4, 42 5. True 6. hexagon 7. 4 8. 3 9. 1 10. 770 11. 16 12. 2 13. 64</p>	<p>14. 30×7 15. 4 16. False 17. cone 18. 0.8, 0.5, 0.3 19. 3.55 20. less than</p> <p style="text-align: center;">Tuesday</p> <p>1. Teacher check 2. greater 3. 12 4. 1.4 5. 8 6. 30×7 7. 7, 2 8. oval 9. 900 10. 9.50 11. 20 pencils, 100 pins 12. 13 13. 6 14. 1 15. Teacher check 16. 5 17. History 18. Geography 19. 7 20. PE, music</p> <p style="text-align: center;">Wednesday</p> <p>1. Teacher check 2. 3 3. 6, 3 4. 310 5. 2, 30 6. yes 7. 900 8. 140 9. 45 10. 7.04 11. 400 12. 5 13. 0.1, 0.3, 0.9 14. 84 15. square, triangles 16. 38 17. 12 18. 12 19. 100 20. 150</p> <p style="text-align: center;">Thursday</p> <p>1. Teacher check 2. 11 3. 5 4. 8, 1 5. 8.90 6. 50×8 7. 7</p>	<p>8. 8 9. pyramid 10. less 11. 3, 50 12. 12 13. 280 14. 11 15. 890 16. 3 17. $\frac{1}{10}, \frac{1}{4}, \frac{7}{8}$ 18. 1, 6 19. 6, 6 20. 0, 6</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 6:30 2. 6</p> <p style="text-align: center;">Tuesday</p> <p>1. 10 2. $\frac{1}{10}$</p> <p style="text-align: center;">Wednesday</p> <p>1. Teacher check 2. Teacher check</p> <p style="text-align: center;">Thursday</p> <p>1. Teacher check 2. Teacher check</p> <p style="text-align: center;">Friday Review</p> <p>1. Teacher check 2. 5, 2 3. 1.5 4. 290 5. 5, 24 6. 140 7. 0.3, 0.4, 0.9 8. 4 9. 46 10. 880 11. 4 12. 16 13. False 14. 2, 4 15. 6 16. 8 17. 5 18. 900 19. 90×7 20. 4.05 21. less 22. hexagon 23. 56 24. 8</p>
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NEW WAVE MENTAL MATHS (4th Class Book) – Answers

<p>6. 2,500 7. 2.7 8. parallelogram 9. 1 10. Teacher check 11. 1.3 12. 5, 1, 07 13. 29th of September 14. 23 15. 98 16. 50 17. 5,000 18. 120 19. 75 20. September</p> <p style="text-align: center;">Thursday</p> <p>1. 2:45 2. 4 3. 94 4. 50 5. 2,000 6. 7,003 7. 6 8. 40 9. 25 10. parallel lines 11. 340 12. 35 13. 130 14. $\frac{1}{2}$ 15. 20.0 16. octagon 17. 1, 7 18. 118 19. 100, 150 20. 4</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 16, 20 2. 24</p> <p style="text-align: center;">Tuesday</p> <p>1. 12, 12 2. 125</p> <p style="text-align: center;">Wednesday</p> <p>1. $\frac{1}{2}$ 2. $\frac{1}{2}$</p> <p style="text-align: center;">Thursday</p> <p>1. Teacher check 2. $1\frac{1}{2}$</p> <p style="text-align: center;">Friday Review</p> <p>1. 67 2. 196 3. 30 4. 30 5. 888 6. 3, 6 7. 1 8. 2, 5, 03</p>	<p>9. 1.1 10. 9.70 11. 300 12. 4.5 13. 118 14. parallel lines 15. 3.2 16. 4.06 17. 74 18. 7, 10 19. Teacher check 20. 8,740 21. circle 22. 7,000 23. $90 \div 9, 10$ 24. 45 25. 250</p> <p style="text-align: center;">Week 31 pages 92–94</p> <p style="text-align: center;">Monday</p> <p>1. 7.44 2. 5 3. 5 4. 25 5. 30 6. 1 7. 4, 6 8. 1.0 9. cuboid 10. 1,400 11. 4.00 12. 3 13. yes 14. 150 15. 2, 15 16. 820 17. 24 18. 90 19. 7 20. False</p> <p style="text-align: center;">Tuesday</p> <p>1. 2.08 2. 2,000 3. 9,000 4. 1.1 5. 3 6. 30 7. 25 8. $1\frac{1}{4}$ 9. $\frac{1}{10}$ 10. Teacher check 11. 7.99 12. 5.6 13. octagon 14. 8 15. 190 16. 24 17. 5.2</p>	<p>18. yes 19. 2.00 20. 300</p> <p style="text-align: center;">Wednesday</p> <p>1. 9.39 2. 1, 30 3. 1.2 4. 9,000 5. cylinder 6. 25 7. 30 8. Teacher check 9. 5 10. 4 11. 15 12. 390 13. 1.3 14. 248 15. 5 16. 3, 9 17. 5, 9 18. blue 19. red 20. yellow</p> <p style="text-align: center;">Thursday</p> <p>1. 5.24 2. 30 3. triangular prism 4. 0.9 5. 50 6. 100 7. $\frac{1}{2}$ 8. 25 9. 3,800 10. 200 11. 4 12. 8,000 13. 0.7 14. vertical 15. 50 16. 4.25 17. 3 18. Teacher check 19. 490 20. A</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. A and D, B and E, F and C 2. Teacher check</p> <p style="text-align: center;">Tuesday</p> <p>1. A regular pentagon has no parallel lines 2. 5</p> <p style="text-align: center;">Wednesday</p> <p>1. B 2. B</p>	<p style="text-align: center;">Thursday</p> <p>1. 500 2. obtuse</p> <p style="text-align: center;">Friday Review</p> <p>1. 10.42 2. 30 3. 2.7 4. 25 5. 7,000 6. 1.3 7. 11 8. 9,000 9. 11 10. 3.4 11. yes 12. 1, 15 13. 7.78 14. 3.0 15. A 16. B 17. $\frac{1}{2}$ 18. 6 19. 15 20. 490 21. Teacher check 22. 1.00 23. 760 24. 48 25. 32</p> <p style="text-align: center;">Week 32 pages 95–97</p> <p style="text-align: center;">Monday</p> <p>1. 11.33 2. 0.3 3. cube 4. 8.50 5. 3.3 6. 7.75 7. 6,000 8. 389 9. 5.6 10. 2.50 11. 2.25 12. 1.0 13. Teacher check 14. 1,300 15. 2,800 16. 1,800 17. 10.25 18. horizontal 19. True 20. 110</p> <p style="text-align: center;">Tuesday</p> <p>1. 2,690 2. $\frac{1}{2}$ 3. 36 4. 1,100</p>	<p>5. 5.60 6. 0.4, 0.05 7. 5.5 8. Teacher check 9. 25 10. Teacher check 11. 1,700 12. 250 13. 11/100 14. 0.60 15. 10 16. 6,429 17. 700 18. 19 19. 288 20. 5</p> <p style="text-align: center;">Wednesday</p> <p>1. 5.49 2. 100 3. 32 4. 8.8 5. $\frac{1}{10}$ ($\frac{1}{2}$) 6. 73.25 7. 20.00 8. 1, 6 9. 1,200 10. 72 11. 7, 3 12. 36 13. 18 14. 3.8 15. 75 16. 8,523 17. 1, 20 18. 285 19. 29 20. horizontal</p> <p style="text-align: center;">Thursday</p> <p>1. 8.08 2. 20 3. 69.9 4. Teacher check 5. 9.9 6. 15.50 7. 1,300 8. 45 9. 4,900 10. Teacher check 11. 3 12. 42.96 13. 2,970 14. 1, 35 15. 685 16. 5.75 17. vertical 18. 12 19. 8, 8, 11 20. B</p>
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NEW WAVE MENTAL MATHS (4th Class Book) – Answers

<p>Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 10 2. 4</p> <p style="text-align: center;">Tuesday</p> <p>1. 900 2. 8,740</p> <p style="text-align: center;">Wednesday</p> <p>1. 26 2. 260</p> <p style="text-align: center;">Thursday</p> <p>1. 5 2. C</p> <p style="text-align: center;">Friday Review</p> <p>1. 2,825 2. 1,700 3. 7.7 4. 7.55 5. 4.5 6. 1,500 7. 34 8. 2.59 9. 21 10. True 11. 385 12. 9 13. 62.73 14. Teacher check 15. 10.05 16. Teacher check 17. 2,800 18. 7.20 19. $\frac{1}{2}$ 20. Teacher check 21. Teacher check 22. triangular prism 23. 3.20 24. B 25. 12.50</p> <p style="text-align: center;">Week 33 pages 98–100</p> <p style="text-align: center;">Monday</p> <p>1. $\frac{1}{10}$ 2. 1,300 3. 5.48 4. 65 5. 4 6. 1.75 7. 2.4 8. 50 9. Teacher check 10. 8.40 11. 9,000 12. 25.55 13. 3, 6 14. 10.50 15. 383 16. Teacher check</p>	<p>17. Teacher check 18. 30 19. 1.1 20. 4</p> <p style="text-align: center;">Tuesday</p> <p>1. 56 2. 9.50 a.m. 3. 20 4. 991 5. 1 6. 7.8 7. 47 8. Teacher check 9. line graph 10. 8,000 11. 44.29 12. 10.50 p.m. 13. 583 14. horizontal 15. 200.00 16. 4.0 17. $\frac{5}{11}$ ($\frac{1}{2}$) 18. 6 19. 20 20. 1, 55</p> <p style="text-align: center;">Wednesday</p> <p>1. 250 2. 2.7 3. 6.9 4. 3.6 5. 1,500 6. $\frac{1}{10}$ 7. 883 8. Teacher check 9. 6,000 10. 90 11. 2.35 a.m. 12. 59.99 13. $\frac{1}{2}$ 14. 17.59 15. 8 16. E and A 17. 50 18. B 19. 2, 15 20. 16</p> <p style="text-align: center;">Thursday</p> <p>1. A 2. 387 3. 7,500 4. vertical 5. 80 6. 7,000 7. 48 8. 7.7 9. 2, 0.9, 0.06 10. Teacher check</p>	<p>11. 125.51 12. 7,999 13. 6.26 14. 110 15. 80 16. 500 17. 55 18. 250 19. equilateral triangle 20. 40</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 60 2. 150</p> <p style="text-align: center;">Tuesday</p> <p>1. 50 2. 750</p> <p style="text-align: center;">Wednesday</p> <p>1. B, C 2. $\frac{1}{2}$</p> <p style="text-align: center;">Thursday</p> <p>1. 50 2. 250</p> <p style="text-align: center;">Friday Review</p> <p>1. $\frac{46}{100}$ 2. 283 3. 1,400 4. 6.57 5. 3.40 p.m. 6. 1,200.00 7. 8.8 8. 2.4 9. 2, 25 10. Teacher check 11. 120 12. 5, 8 13. 1, 8 14. vertical 15. 58.93 16. 3.0 17. B 18. 3, 6 19. 5 20. 7,000 21. 8,000 22. 9.50 23. 95 24. Teacher check 25. 250</p> <p style="text-align: center;">Week 34 pages 101–103</p> <p style="text-align: center;">Monday</p> <p>1. A 2. 5,025 3. 30th of June 4. 90 5. 8.10 p.m.</p>	<p>6. 7.76 7. 450 8. 18 9. 5,432 10. $\frac{1}{2}$ 11. 83 12. 8,000 13. scalene 14. 0 15. 54.25 16. 9.1 17. cone 18. circle 19. 20 20. 1.0</p> <p style="text-align: center;">Tuesday</p> <p>1. 10.03 2. 4069 3. 1st of November 4. 150 5. 27 6. 8 7. 9 8. 24 9. 3.25 10. 20 11. 62.93 12. 989 13. square 14. 5.5 15. 250 16. 45 17. 7,025 18. 10.1 19. 0.8 20. 250</p> <p style="text-align: center;">Wednesday</p> <p>1. 10.03 2. 1,000 m 3. 550 4. 30th of April 5. 7 6. 9,204 7. 1,800 8. 4.7 9. 10.93 10. Teacher check 11. $\frac{1}{2}$ 12. equilateral 13. $\frac{1}{2}$ ($\frac{1}{2}$) 14. True 15. 5.1 16. 11.25 a.m. 17. 3.15 p.m. 18. 8.50 p.m. 19. 20 minutes 20. 1 hour 30 minutes</p>	<p style="text-align: center;">Thursday</p> <p>1. B 2. 25 3. isosceles 4. 70 5. 5th of October 6. 1 7. 750 8. 8.85 9. 1,500 10. A 11. 1.5 12. $\frac{1}{2}$ 13. 550 14. 2 15. 2,000 16. 65 17. 4 18. 4 19. 100 20. 23.00</p> <p style="text-align: center;">Problem-Solving</p> <p style="text-align: center;">Monday</p> <p>1. 5 2. 9</p> <p style="text-align: center;">Tuesday</p> <p>1. triangle, triangle, square 2. pentagon, pentagon, triangle</p> <p style="text-align: center;">Wednesday</p> <p>1. Teacher check 2. 250</p> <p style="text-align: center;">Thursday</p> <p>1. $\frac{1}{2}$ 2. $\frac{1}{2}$</p> <p style="text-align: center;">Friday Review</p> <p>1. 6.06 2. 5.49 3. 45 4. 7,103 5. Teacher check 6. 21 7. 0.7 8. 14 9. 31st of July 10. 9 11. 20 12. 1,400 13. 48 14. 20 15. 250 16. 650 17. 4.35 18. $\frac{1}{2}$ 19. 40 20. 55.93 21. rectangle</p>
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14. them
15. hadn't

Day 125

1. ough
2. sugar
3. hello
4. cheerful
5. dearest
6. breathe
7. drawing
8. fix
9. Jen gave Laura a present.
10. The Aran Islands are in the Atlantic Ocean.

11. an
12. but
13. future
14. didn't
15. instant

Day 126

1. ch
2. flew
3. suppose
4. thankful
5. loveliest
6. hour
7. reward
8. everyone
9. Have you seen Big Ben in London?

10. Nile
11. a
12. and
13. am
14. not
15. hasn't

Day 127

1. concert
2. ough
3. c
4. paws
5. laid later layer
6. their
7. dairies
8. motor
9. Where are your brothers and sisters living?
10. 'Will you be coming too?' I asked them.

11. make
12. are going
13. artist
14. were
15. me

Day 128

1. cooked
2. surprise
3. 2
4. able

5. diaries
6. seemingly seems
7. believable
8. birth earth
9. 'Will the last remaining passengers please go to gate seven?', the lady announced.

10. Mercury, Venus, Mars and Jupiter are planets.
11. constantly
12. ran
13. jet
14. en
15. I me

Day 129

1. tried
2. a
3. our
4. rays
5. undone undress until
6. to
7. names
8. farm
9. The lady shouted, 'That dog is dangerous!'
10. 'Let's go for a swim', she suggested.

11. really
12. are writing
13. ducklings
14. was
15. her

Day 130

1. b
2. station
3. 3
4. dis
5. worries
6. loving lovelist
7. magically
8. lose choose
9. 'I'd like to visit Canada and America next year.'
10. My new friend asked me, 'Do you play basketball?'

11. live
12. quietly
13. fangs
14. ou
15. so

Day 131

1. ui
2. group
3. crept
4. un

5. mice
6. bad
7. friend
8. lift shift
9. Jerry said, 'That was such a great film!'
10. 'What's for dinner?' Paula asked.

11. earlier
12. because
13. walks
14. was
15. I am

Day 132

1. arrive
2. often
3. week
4. information
5. woman
6. awful
7. sadness
8. season reason
9. 'Line up quickly class!' our grumpy teacher shouted.
10. 'You look sad', Tara said. 'What's wrong?'

11. spoke
12. er
13. went
14. I
15. wasn't

Day 133

1. ui
2. eighth
3. library
4. reappear
5. islands
6. finish
7. strength
8. palm calm
9. I cut apples, bananas, oranges and grapes for the fruit salad.
10. We Greece Croatia

11. finally
12. pear
13. swims
14. was
15. didn't

Day 134

1. packet
2. enough
3. new
4. commonly
5. witch
6. destroyed
7. noisily
8. wrong strong
9. My Amir New Ross

10. I took my towel, flippers, mask and snorkel to the beach.

11. friendly
12. flew
13. run
14. me
15. hasn't

Day 135

1. eight
2. mean
3. travel
4. outside
5. hottest
6. buy
7. close
8. active
9. I saw Jo, Sam and Tim at the shops.
10. Fee Canada

Day 136

11. a
12. but
13. past
14. didn't
15. let us
1. ui
2. didn't
3. which
4. misbehave
5. darkest
6. hour
7. act
8. happy
9. We need ham, cheese and pineapple to make pizzas.

10. My Jen
11. an
12. and
13. future
14. I've
15. wasn't

Day 137

1. true
2. p
3. c
4. wood
5. built buries busy
6. their
7. knives
8. paper
9. .
10. 'Mum', called Sam. 'Where are my shoes?'
11. car
12. build
13. short chubby
14. was were

15. I me

Day 138

1. n
2. proof
3. 3
4. sub
5. bicycles
6. careful caring
7. thinnest
8. store four
9. I
10. 'Why are you so late?' asked the teacher.

11. naughty
12. ate
13. puzzle
14. done did
15. me

Day 139

1. learn
2. g
3. c
4. flour
5. porridge possible potatoes
6. too
7. leaves
8. fast
9. I
10. James said, 'Let's go now.'
11. phone
12. will be closing
13. jumped
14. did done
15. She Her

Day 140

1. t
2. Earth
3. 4
4. dis
5. faeries
6. happily happiest
7. busily
8. caught thought
9. ?
10. 'Dinner's ready!' yelled Dad. 'Come and get it!'

11. park
12. crept
13. tiny
14. did
15. him He

Day 141

1. ea
2. until
3. everybody
4. tri
5. calendars
6. lady

7. stop
8. flare wear
9. 'Here is your other sock,' my sister called out.
10. Dad is always saying, 'Look both ways before you cross the road.'

11. skilful
12. and
13. likes
14. sail
15. would

Day 142

1. of
2. century
3. threw
4. breathless
5. flour honey
6. picture
7. calm
8. guide died
9. 'Would you like a drink?' our friend asked.
10. The salesman asked, 'Have you decided yet?'

11. can dance
12. then
13. brings
14. we
15. What's

Day 143

1. ur
2. together
3. history
4. underground
5. plants
6. coast beach
7. sink
8. glue two
9. I've lived in Wexford, Dingle, Ennis and Naas.

10. I wasn't ready for my race and I came in last.

11. pen paper
12. right
13. eats
14. were
15. amp

Day 144

1. cages
2. sometimes
3. catch
4. gently
5. eye
6. drop
7. most

8. chewing doing
9. 'Have you got the time please?' he asked.
10. Deer, squirrels, rabbits and foxes live in the forest.

11. and
12. party
13. It is raining
14. they
15. couldn't

Day 145

1. ou
2. social
3. ordinary
4. friendship
5. dirtiest
6. breath
7. fact
8. hide
9. Where is your school bag?
10. The South Pole is in Antarctica.

11. an
12. thinks
13. past
14. don't
15. tale

Day 146

1. tch tch
2. thousand thumb
3. promise
4. useful
5. tastiest
6. our
7. move
8. playful
9. English is spoken in many countries around the world.
10. My friend Niall is from New Zealand.

11. a
12. sleeping
13. you
14. hare
15. am not

Day 147

1. wanted
2. ough
3. ch
4. pale
5. guard guess guide
6. their
7. storms
8. flower
9. Hurry! We're running late!
10. 'When will the band come on stage?' she

- asked.
11. Melanie Tuesday
12. will be playing
13. beside
14. was
15. aren't

Day 148

1. talked
2. disappear
3. 2
4. angrily
5. shoes
6. tasteful tasted
7. permission
8. stuck truck
9. 'Would you like a drink?' the waiter asked.
10. Madagascar is a large island in the Indian Ocean.

11. red shiny
12. whispered
13. chairs
14. mist
15. isn't

Day 149

1. happened
2. ur
3. or
4. plain
5. nearly never night
6. two
7. earrings
8. sun
9. 'Don't forget to put the bin out,' Mum reminded me.
10. 'Did you take the dog for a walk?' Dad asked.

11. needed
12. is snoring
13. beside
14. were
15. aren't

Day 150

1. b
2. arrive
3. 4
4. un
5. erasers
6. hated hateful
7. fantastically
8. off cough
9. Where are you going for your holiday?
10. 'Would you like any sauce?' the lady asked.
11. Athletes people
12. tiptoed

13. beech
14. under
15. aren't

Revision days 1-10

1. au
2. true
3. night
4. above
5. teeth
6. know knee
7. oo ew
8. tiny
9. try high
10. 3
11. ?
12. I am going to visit my friend, Lee, on Friday.

13. blanket
14. swim
15. talks
16. their
17. buy
18. dangerous
19. Cork London
20. four
21. were
22. is
23. he
24. an
25. thinner thinnest
26. I have
27. i
28. because began
29. past
30. thing

Revision days 11-20

1. edge
2. m
3. V 4 C 4
4. mouse
5. cal/en/dar
6. coming
7. ough aw
8. after
9. cousin 3
couple 2
country 1

10. 3
11. I
12. My Friday I'm
13. dropped
14. un
15. ungo
16. They're their
17. cat's
18. Adrian
19. shining
20. biggest
21. hear
22. I play football.

23. november
24. you're
25. her
26. some
27. double
28. James
29. him
30. were

Revision days 21-30

1. ou
2. party
3. honey
4. washed
5. countries
6. listen whistle
7. ow ou
8. mad
9. meet cheat
10. 3
11. Mum wouldn't jump into the pool.
12. Tomorrow Jan Phil
13. Jim
14. scary
15. throw
16. our
17. they're
18. she
19. There Ireland
20. Cora wasn't at football training.

21. right
22. your
23. it's
24. a
25. careless careful
26. will not
27. December
28. taste taught teach
29. future
30. grand

Revision days 31-40

1. copy
2. r
3. V 4 C 6
4. skating
5. bus/Vest
6. emptied
7. ai ea
8. coming
9. poison 3
people 1
person 2
10. 3
11. ?
12. Kieran Daniel Thompson Road
13. wrote
14. re
15. regone
16. men
17. whole hole

Reading Zone answers are attached below:

Reading Zone Answers 3rd Class:

Unit 29 The Toy Catalogue

A

1. One week. 2. Sun cream. 3. Extra padding and full safety nets. 4. On flat ground. 5. The 24 inch mountain bike.

B

1. (d); 2. (b); 3. (a); 4. (d); 5. (a); 6. (b)

3rd Class – A

C

1. Give; 2. Joined; 3. Bouncing; 4. More; 5. Huge;
6. Straight

D

1. (c); 2. (b); 3. (d); 4. (b); 5. (a)

E

1. We know the special offers last for only one week.
2. There are no climbing frames for sale in Budda.
3. No wrestling and no somersaults on the trampoline.
4. Place the trampoline over there, well away from trees and buildings.
5. The lightweight frames mean they're easier to lift.
6. Budda say that their huge selection of outdoor games can be seen in-store.

F and G

Personal answers

Reading Zone Answers 4th Class:

Personal answers

Unit 29 The Lady of Stavoren

A

1. On the coast of the Netherlands. 2. A large fleet of trading ships. 3. The most precious thing in the world. 4. Into the sea. 5. A large sand bank, created by a field of wheat growing on the sea bed.

B

1. (c); 2. (a); 3. (d); 4. (b); 5. (c); 6. (b)

C

1. Commerce; 2. Treasure; 3. Impatiently;
4. Disembarked; 5. Protested; 6. Heed

D

1. (c); 2. (d); 3. (a); 4. (c); 5. (b)

4th Class – 2

E

1. Jim's dog wasn't able to walk properly after injuring a leg.
2. "Are you learning Italian this year?" asked Helen.
3. The man roared, "Call the fire brigade."
4. "It was a very comical, entertaining book," reported Emma.
5. Joe's mother said, "I need apples, flour, milk and sugar."
6. "The robber had long, brown hair and a pale, thin face," stated the witness.

F and G

Personal answers