

Year 6 Learning Grid December

Please remember to read every single day. If you complete all of the tasks for each day remember to use your login cards to explore Espresso, Purple MASH and Charanga to complete extra tasks and play learning games.

The Right of the fortnight <https://www.unicef.org.uk/rights-respecting-schools/resources/teaching-resources/guidance-assemblies-lessons/article-of-the-week/>)

<u>Day 1</u>	<u>Day 2</u>	<u>Day 3</u>	<u>Day 4</u>	<u>Day 5</u>
<p align="center"><u>English</u></p> <p>30mins – Reading Lessons on ‘Reading Plus’ or ‘Bug Club’.</p> <p>15mins - reading your school reading book/home reading book.</p> <p>10mins - practicing spellings on spelling shed.</p> <p>40mins - writing activity Plan and write a paragraph to summarise your opinion on the ending of ‘The Unforgotten Coat’.</p>	<p align="center"><u>English</u></p> <p>30mins - Reading Lessons on ‘Reading Plus’ or ‘Bug Club’.</p> <p>15mins - reading your school reading book/home reading book.</p> <p>10mins - practicing spellings on spelling shed.</p> <p>40mins - writing activity Plan a letter as Chingis thanking Julie for finding the coat and sending it to him in Mongolia.</p>	<p align="center"><u>English</u></p> <p>30mins - Reading Lessons on ‘Reading Plus’ or ‘Bug Club’.</p> <p>15mins - reading your school reading book/home reading book.</p> <p>10mins - practicing spellings on spelling shed.</p> <p>40mins - writing activity Use your plan from yesterday to write your letter.</p>	<p align="center"><u>English</u></p> <p>30mins - Reading Lessons on ‘Reading Plus’ or ‘Bug Club’.</p> <p>15mins - reading your school reading book/home reading book.</p> <p>10mins - practicing spellings on spelling shed.</p> <p>40mins - writing activity Write a review of ‘The Unforgotten Coat’ for a new English display. Include a summary of the book, your likes and dislikes and a score out of 10</p>	<p align="center"><u>English</u></p> <p>30mins - Reading Lessons on ‘Reading Plus’ or ‘Bug Club’.</p> <p>15mins - reading your school reading book/home reading book.</p> <p>10mins - practicing spellings on spelling shed.</p> <p>20mins - writing activity Write a paragraph to persuade Mr Mullen and Miss McDonald which book we should read next for our dream time book.</p>

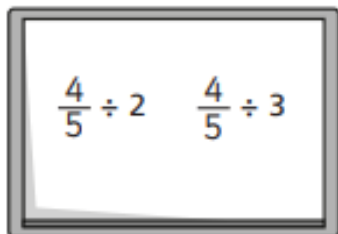
Year 6 Learning Grid December

<p align="center"><u>Maths</u></p> <p>30mins – Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-12-number-fractions/</p> <p>Click video 1. Follow the learning and complete the worksheet attached.</p> <p>20mins – maths shed practising key skills</p>	<p align="center"><u>Maths</u></p> <p>30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-12-number-fractions/</p> <p>Click video 2. Follow the learning and complete the worksheet attached.</p> <p>20mins – maths shed practising key skills</p>	<p align="center"><u>Maths: Reasoning</u></p> <p>30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-12-number-fractions/</p> <p>Click video 3. Follow the learning and complete the worksheet attached.</p> <p>20mins – maths shed practising key skills</p>	<p align="center"><u>Maths: Reasoning</u></p> <p>30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-12-number-fractions/</p> <p>Click video 4. Follow the learning and complete the worksheet attached.</p> <p>20mins – maths shed practising key skills</p>	<p align="center"><u>Maths: Reasoning</u></p> <p>30mins - Go to the following Webpage https://whiterosemaths.com/homelearning/year-6/week-13-geometry-position-direction/</p> <p>Click video 1. Follow the learning and complete the worksheet attached.</p> <p>20mins – maths shed practising key skills</p>
<p><u>DT</u></p> <p>30mins</p> <p>Write an explanation of how games like operation and beat the buzz work.</p>	<p><u>MFL</u></p> <p>30mins</p> <p>Research the names for items of clothes in Italian. Can you create sentences to describe what you might wear in each season of the year?</p>	<p><u>PSHE</u></p> <p>30mins</p> <p>Create a poster to encourage people that we should celebrate our differences.</p>	<p><u>Science (Light)</u></p> <p>30mins</p> <p>Create a poster to show different sources of man made and natural light.</p>	<p><u>Geography (Forests)</u></p> <p>60mins</p> <p>Research one Forest found in the UK and write two paragraphs to share what you have found</p>
<p align="center"><u>Daily PE Lesson</u></p> <p>30 mins each day choose from:</p> <ul style="list-style-type: none"> • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube 	<p align="center"><u>Daily PE Lesson</u></p> <p>30 mins each day choose from:</p> <ul style="list-style-type: none"> • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube 	<p align="center"><u>Daily PE Lesson</u></p> <p>30 mins each day choose from:</p> <ul style="list-style-type: none"> • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube 	<p align="center"><u>Daily PE Lesson</u></p> <p>30 mins each day choose from:</p> <ul style="list-style-type: none"> • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube 	<p align="center"><u>Daily PE Lesson</u></p> <p>30 mins each day choose from:</p> <ul style="list-style-type: none"> • Past Joe Wicks on youtube • 5 dances from Just Dance on youtube. • Kids HIIT Workout with Moe Jones on youtube



Divide fractions by integers (2)

1



a) Write two things that are the same about the calculations.

b) Write one thing that is different about the calculations.

c) Draw a diagram to help you work out the answer to $\frac{4}{5} \div 2$



d) Draw a diagram to help you work out the answer to $\frac{4}{5} \div 3$

2 Complete the divisions using the diagrams to help you.

a) $\frac{1}{3} \div 2 =$

b) $\frac{1}{3} \div 3 =$

c) $\frac{2}{3} \div 3 =$

3 $\frac{3}{4}$ of a kilogram of rice is divided equally between two bowls.



How much rice is in each bowl?



Four rules with fractions

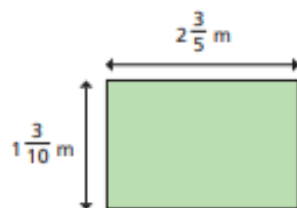
1 Work out the missing total.

$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$2\frac{1}{3}$

Show all the steps in your working.

Explain your method to a partner.

2 Work out the perimeter of the rectangle.



Explain your method to your partner.

Did you work it out in the same way?

3 Complete the calculations.

a) $(\frac{2}{3} + \frac{2}{3}) \times 3 =$

b) $(\frac{2}{3} + \frac{2}{3}) \div 3 =$

c) $\frac{2}{3} + \frac{2}{3} \times 3 =$

d) $\frac{2}{3} + \frac{2}{3} \div 3 =$

4 Jack mixes $\frac{2}{3}$ of a litre of orange juice and $\frac{3}{4}$ of a litre of apple juice.

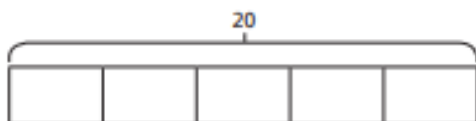
He pours the juice into 5 glasses equally.

How much juice is in each glass?

Fractions of an amount



1



a) Shade $\frac{1}{5}$ of the bar model.

b) What is $\frac{1}{5}$ of 20?

2

Use your times tables knowledge to solve the calculations.

a) $\frac{1}{3}$ of 12 =

d) $\frac{1}{10}$ of 80 cm =

b) $\frac{1}{4}$ of £20 =

e) $\frac{1}{12}$ of 60 =

c) $\frac{1}{5}$ of 35 m =

f) $\frac{1}{7}$ of 84 kg =

Now use your answers to solve these calculations.

a) $\frac{2}{3}$ of 12 =

d) $\frac{7}{10}$ of 80 cm =

b) $\frac{3}{4}$ of £20 =

e) $\frac{11}{12}$ of 60 =

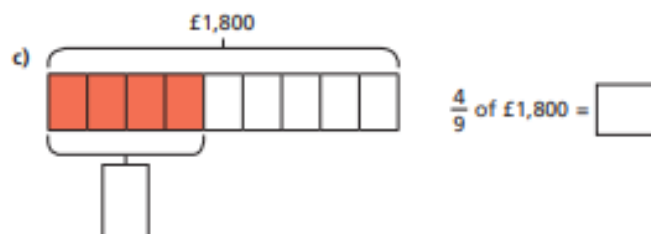
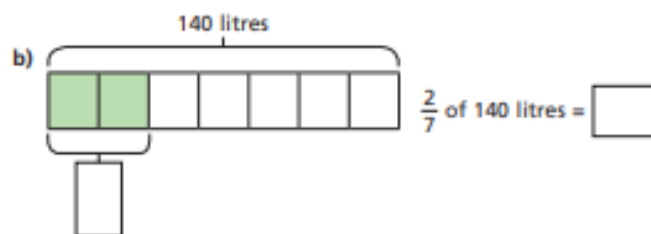
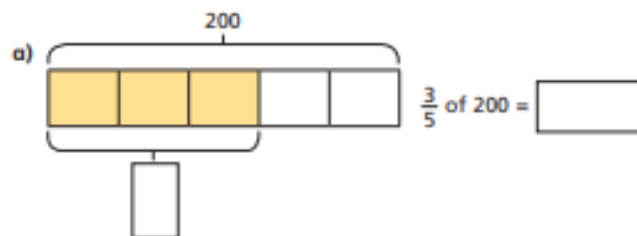
c) $\frac{3}{5}$ of 35 m =

f) $\frac{6}{7}$ of 84 kg =



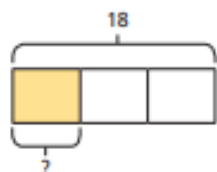
3

Calculate the missing values.

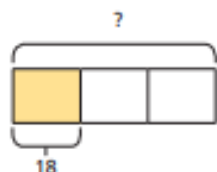


Fraction of an amount – find the whole

1 Complete the calculations.



$\frac{1}{3}$ of 18 =



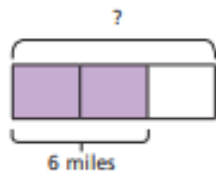
$\frac{1}{3}$ of = 18

What is the same about the calculations?

What is different?

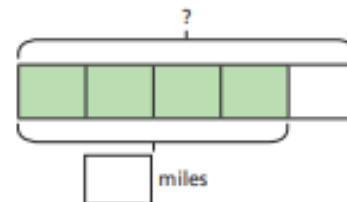
2 a) Mr Hall walked $\frac{2}{3}$ of the way from his house to work. He walked 6 miles.

How far is it in total from his house to work?

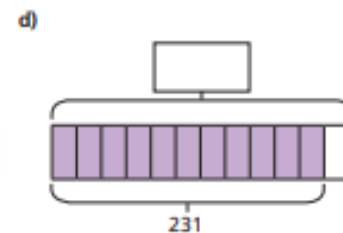
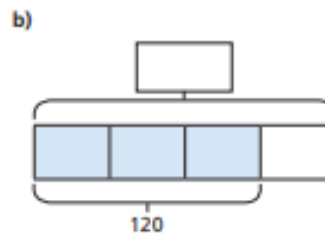
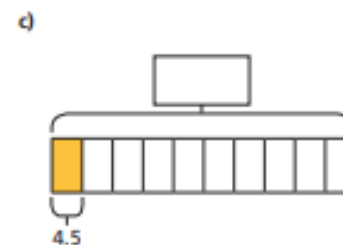
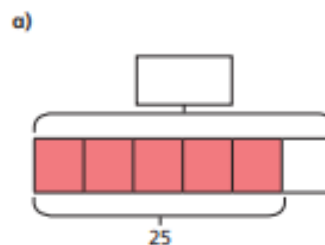


b) Jenny cycled $\frac{4}{5}$ of the way from her house to work. She cycled 16 miles.

How far is it in total from her house to work?

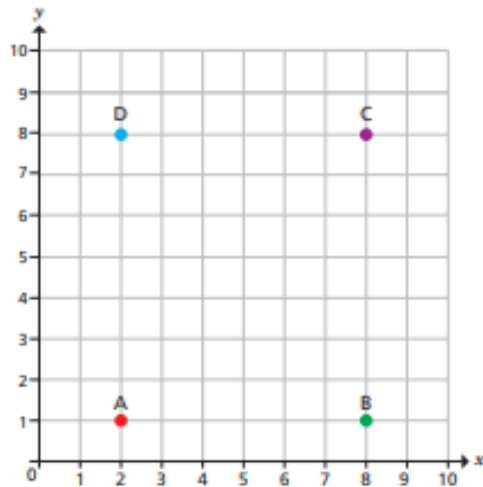


3 Calculate the missing wholes.



The first quadrant

1



a) Write the coordinates of the points A, B, C and D.

A (,)
B (,)

C (,)
D (,)

b) Draw lines to join the points A to D to form a rectangle.

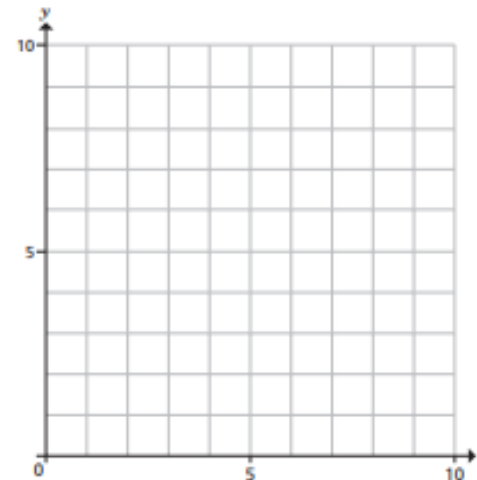
c) Write the coordinates of 4 different points in each column of the table.

Inside the rectangle	Outside the rectangle	On the perimeter of the rectangle
(5, 3)		

2 Here are coordinates for three vertices of a rectangle.

(3, 6) (7, 3) (7, 6)

a) Plot the coordinates.



b) Write the coordinates of the fourth vertex.

(,)

3 Here are coordinates for two vertices of a square.

(5, 2) (5, 6)

What could the coordinates of the other two vertices be?

Give two possible solutions.

(,) and (,)

(,) and (,)