

## Answers – Spelling

1) Copy these sentences into your books and fill in the blanks with the correct spelling from your LaSaCaWaC list this week.

Tesco is a supermarket.

John took his automobile to the garage because it the tyre was flat.

Concord was the first supersonic passenger aeroplane.

Spiderman has superhuman strength.

David Walliams signed his autograph in the front of his book.

Once the plane had taken off, the captain turned on the autopilot.

2) Complete the word search.

g	n	m	a	j	s	u	j	s	n
a	h	h	u	c	u	t	t	o	a
u	j	s	t	t	p	s	w	f	u
t	s	u	o	n	e	w	w	i	t
o	r	p	m	p	r	u	v	r	o
m	d	e	o	c	s	d	k	t	g
a	j	r	b	a	t	h	k	a	r
t	m	m	i	r	a	p	l	o	a
i	v	a	l	u	r	h	y	c	p
c	k	n	e	n	i	b	u	k	h

superman

autograph

superstar

automatic

automobile

3) Choose four of the words beginning with 'super' or 'auto' and put them into your own sentences in your book.

## Answers – Reading

## Text 1 – What is a Friend?

### Understanding the Text

- 1) The characters in the play are Adam, Seth and a Bear.
- 2) The setting is a wood.
- 3) The boys are carrying rucksacks.
- 4) The boys are chased by a bear.
- 5) Seth runs to the nearest tree and climbs to safety.

### Looking at Language

- 6) a) rucksack – a bag with shoulder strap, which allows it to be carried on someone’s back.  
b) rustling – a soft, muffled crackling sound like that caused by the movement of leaves.  
c) safety – a place where you feel protected from harm, danger or injury.  
d) aid – to help or support someone.

### Exploring the playscript

- 7) The scene describes the place where something in the play is about to happen.
- 8) a) Dialogue is the speech so children can select anything that the characters are saying. For example - It will be dark soon. We should find somewhere to camp.  
b) Stage directions show what the characters are doing and are in brackets and italics. For example, (*Takes off his rucksack.*)
- 9) Children can choose one given choice, but they need to explain their answer with evidence from the text. For example – Seth is a good friend because .....
- 10) Adam pretends to be dead because he thinks that the bear will not attack a person who it thinks is already dead.
- 11) Children can describe the stage in their own words. They could even draw and label the stage.

12) The lesson that the play is teaching is to not go alone in the woods especially when it is getting dark. However, it also shows that friends will not always help each when they are in danger.

### Taking it Further

13) This could be a family play at home or you could act out the scene using toys.

14) Using the play script, children must extend the play in their own words but they need to remember that the boys camp for the night. Adults may need to explain how to write a play script.

Character who is speaking

What the character is saying

Adam: It will be dark soon. We should find somewhere to camp.

Seth: Good idea. *(Takes off his rucksack.)* Listen! Can you hear something?

*There is a rustling in the trees.* ← stage directions

Adam: *(Pointing.)* It's coming from over there!

How the character is acting / stage directions – these are in brackets in in italics

## Answers – Reading

## Text 2 – Spinosaurus

1. Fill in the gaps in this sentence.

It may have looked similar to that of a modern-day **newt's** tail.

2. The text did not give the right information to answer this question and we apologise again for the confusion.

3. Find and copy **one** new fact about Spinosaurus that the scientists discovered recently.  
**Accept any two answers referring to the new discoveries: a nostril far back on its head; very dense arm and leg bones; difficulty standing on two legs; a tail different to other dinosaurs that helped it swim.**

4. Tick whether each statement is a fact or an opinion.

	Fact	Opinion
The skeleton was discovered in the Sahara.	✓	
Discovering its tail was an amazing gift.		✓
A Spinosaurus' skeleton was destroyed during the Second World War.	✓	
Dinosaurs are really cool.		✓

5. Professor David Martill said, "Discovering its tail was such an amazing gift." Tick one which best explains his use of the word 'gift'.

- The finding was unexpected.
- It felt like a special discovery.
- He felt lucky for receiving this new knowledge.
- All of the above.**

6. Summarise the key information in this article using 20 words or fewer.

**Accept any reasonable answer which includes the key information. e.g. Some scientists have uncovered the first complete skeleton of a Spinosaurus in 100 years in the Sahara desert.**

## Maths Arithmetic Answers

1)  $6 \times 3 = 18$

2)  $95 - 60 = 35$

3)  $73 + 34 = 107$

4)  $3 \times 4 = 12$

5)  $729 = 257 + 472$

6)  $6 \times 4 = 24$

7)  $153 + 70 = 223$

8)  $3 + 62 + 8 = 73$

9)  $233 + 524 = 757$

10)  $272 - 192 = 80$

11)  $645 + 186 = 831$

12)  $4 \times 9 = 36$

13)  $362 - 147 = 215$

14)  $32 \div 8 = 4$

15)  $27 \div 9 = 3$

# Maths Lesson 1 Answers

Maths

## Tenths as decimals

1 Complete the table.

Representation	Words	Fraction	Decimal
	1 tenth	$\frac{1}{10}$	0.1
	7 tenths	$\frac{7}{10}$	0.7
	3 tenths	$\frac{3}{10}$	0.3
	5 tenths	$\frac{5}{10}$	0.5

2 Match each bar model to the equivalent decimal.

0.8

0.6

0.4

3 Mo is using a place value chart to represent numbers.

Write each number as a decimal.

a) 0.2

c) 1.5

b) 0.7

d) 3.2

4 Draw counters to represent the numbers.

a) 0.3

c) 1.3

b) 3

d) 3.1



5 Continue the pattern.

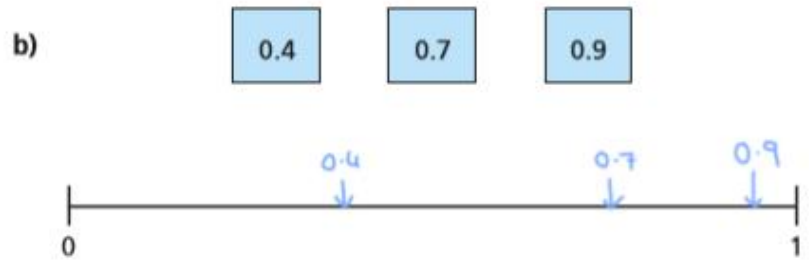
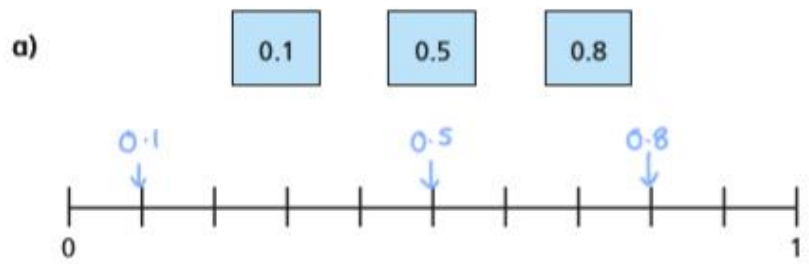
<small>fraction</small> $\frac{1}{10}$	<small>decimal</small> 0.2	<small>words</small> 3 tenths	<small>fraction</small> $\frac{4}{10}$	<small>decimal</small> 0.5
<small>words</small> 6 tenths	<small>fraction</small> $\frac{7}{10}$	<small>decimal</small> 0.8	<small>words</small> 9 tenths	<small>fraction</small> $\frac{10}{10}$

6 What decimal is each arrow pointing to?



A = 0.2    B = 0.5    C = 0.9

7 Estimate the position of the decimals on the number lines.



8 Complete the statements.

- a)  $0.2 > \frac{1}{10}$                       c) 7 tenths = 0.7
- b)  $0.8 < \frac{9}{10}$                       d) 1.2 =  $\frac{12}{10}$

Is there more than one answer for each?

9 Aisha places 6 counters onto this place value chart.



List all the possible numbers she could represent.

- 0.6    1.5    2.4    3.3
- 4.2    5.1    6.0

# Maths Lesson 2 Answers

## Fractions on a number line

1 Draw an arrow to show the fractions on the number lines.



Are your answers accurate or are they estimates?



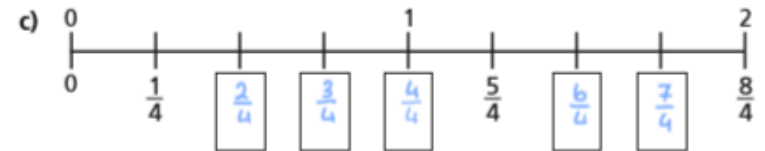
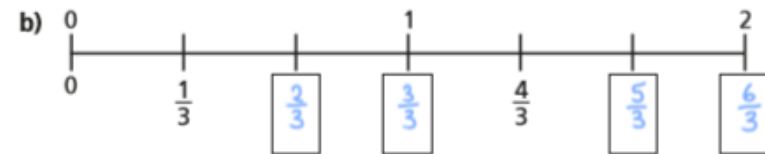
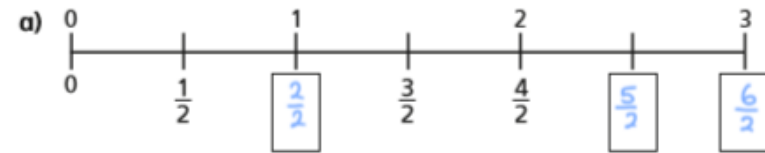
2 Write  $<$ ,  $>$  or  $=$  to compare the fractions.

a)  $\frac{1}{2} > \frac{1}{4}$

b)  $\frac{1}{4} < \frac{1}{3}$

c)  $\frac{1}{3} < \frac{1}{2}$

3 Write the missing fractions on the number lines.



d) Write three fractions that are equivalent to one whole.

Use the number lines to help you.

$\frac{4}{4}$   $\frac{3}{3}$   $\frac{2}{2}$

What do you notice?

The numerator is equal to the denominator.

Talk about it with a partner.

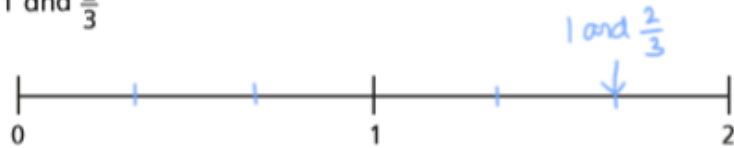


- 4 Draw an arrow to estimate where each fraction belongs on the number line.

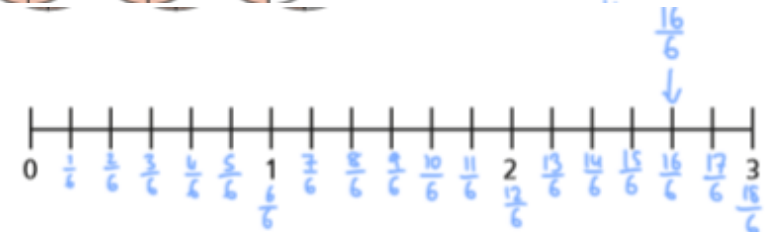
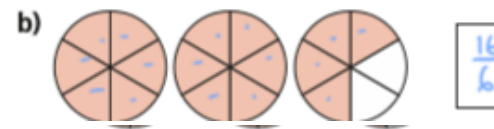
a)  $\frac{3}{4}$



b) 1 and  $\frac{2}{3}$



- 6 What fraction is shown in each diagram?  
Draw an arrow to show the fraction on the number line.



Write each fraction under the correct heading.

$\frac{2}{3}$	$\frac{4}{4}$	$\frac{5}{3}$	$\frac{1}{8}$	$\frac{3}{3}$
$\frac{3}{4}$	$\frac{7}{4}$	$\frac{8}{8}$	$\frac{7}{8}$	

Less than one whole	Equal to one whole	More than one whole
$\frac{2}{3}$ $\frac{3}{4}$ $\frac{1}{8}$	$\frac{4}{4}$ $\frac{8}{8}$ $\frac{3}{3}$	$\frac{5}{3}$ $\frac{7}{8}$

7



One eighth is greater than one quarter.

Do you agree with Teddy? NO

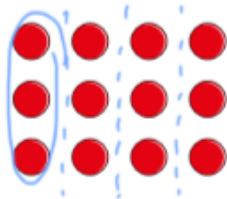
Use the number line to show why.



# Maths Lesson 3 Answers

## Fractions of a set of objects (1)

1 Here are some counters.



a) Circle  $\frac{1}{4}$  of the counters.

b) How many counters did you circle?

c) What is  $\frac{1}{4}$  of 12?

2 Draw counters in the bar models to help you complete each number sentence. The first one has been done for you.

a)  $\frac{1}{2}$  of 8 =

b)  $\frac{1}{2}$  of 16 =

c)  $\frac{1}{4}$  of 8 =

d)  $\frac{1}{4}$  of 16 =

3



To find a half I need to divide by 2

Do you agree with Dexter? yes

Talk about it with a partner.

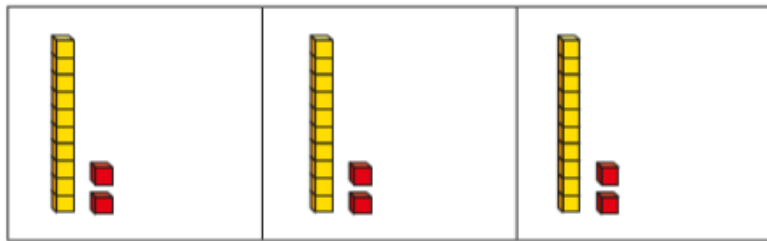
4

Complete the table.

Fraction	Division	Example	Drawing
one half	divide by 2	$\frac{1}{2}$ of 6 = 3	
one quarter	divide by 4	$\frac{1}{4}$ of 8 = 2	

one third	divide by 3	$\frac{1}{3}$ of 15 = 5	
one fifth	divide by 5	$\frac{1}{5}$ of 15 = 3	

- 5 Huan uses a bar model and base 10 to find  $\frac{1}{3}$  of 36



Use Huan's method to complete the calculations.

- a)  $\frac{1}{3}$  of 63 =       c)  $\frac{1}{4}$  of 92 =
- b)  $\frac{1}{4}$  of 48 =



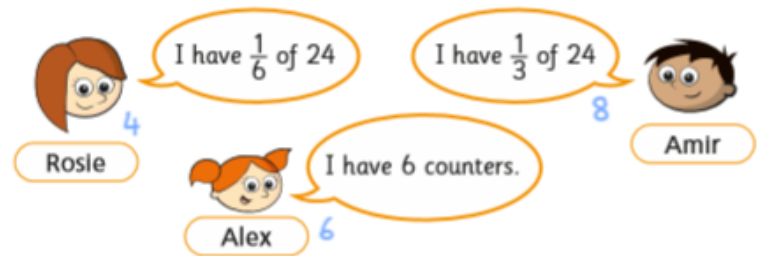
- 8 Complete the number sentences.

a)  $\frac{1}{2}$  of  = 30      c)  $\frac{1}{5}$  of  = 50

b)  $\frac{1}{4}$  of  = 20



- 9 Rosie, Amir and Alex each find a fraction of 24 using counters.



- a) Order the children from least counters to most counters.



- b) What fraction of the counters does Alex have?  $\frac{6}{24} = \frac{1}{4}$
- c) Rosie and Amir put their counters together.

Write their total number of counters as a fraction of 24

$4 + 8 = 12$



- 6 Nijah uses a bar model and place value counters to find  $\frac{1}{3}$  of 36



Use Nijah's method to complete the calculations.

- a)  $\frac{1}{3}$  of 96 =       c)  $\frac{1}{4}$  of 52 =
- b)  $\frac{1}{5}$  of 60 =

- 7 Which amount is greater? Tick your answer.

$\frac{1}{3}$  of £75      or        $\frac{1}{5}$  of £75

$\frac{1}{3}$  of £75 = £25

$\frac{1}{5}$  of £75 = £15

Show your workings.

# Maths Lesson 4 Answers

## Fractions of a set of objects (2)

1 Draw counters in the bar models to help you complete each number sentence.

a)  $\frac{2}{3}$  of 15 =  

b)  $\frac{3}{4}$  of 8 =  

c)  $\frac{2}{5}$  of 20 =  



2 Match the questions and answers.

$\frac{2}{3}$  of 9 = ? 

$\frac{3}{5}$  of 15 = ? 

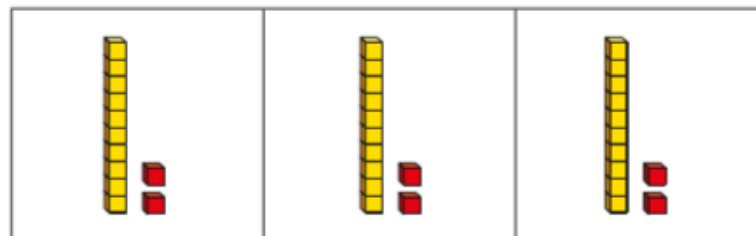
$\frac{5}{6}$  of 12 = ? 

$\frac{3}{4}$  of 20 = ? 

3 What is  $\frac{6}{6}$  of 18?  
How do you know?



4 Brett uses a bar model and base 10 to find  $\frac{2}{3}$  of 36



Use Brett's method to complete the number sentences.

a)  $\frac{2}{3}$  of 63 =

b)  $\frac{3}{4}$  of 48 =

c)  $\frac{3}{4}$  of 92 =

5 Kim uses a bar model and place value counters to find  $\frac{2}{3}$  of 36



Use Kim's method to complete the number sentences.

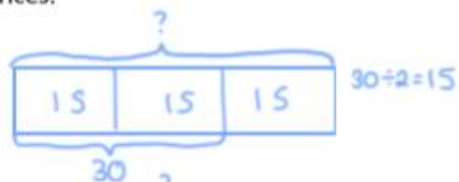
a)  $\frac{2}{3}$  of 96 =

b)  $\frac{3}{5}$  of 60 =

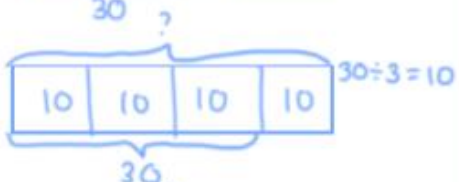
c)  $\frac{3}{4}$  of 52 =

6 Complete the number sentences.

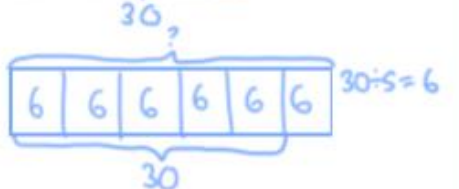
a)  $\frac{2}{3}$  of  $\boxed{45} = 30$



b)  $\frac{3}{4}$  of  $\boxed{40} = 30$



c)  $\frac{5}{6}$  of  $\boxed{36} = 30$



7



Tommy

To find  $\frac{3}{4}$  of 12,  
you divide by 4 and then  
multiply the answer by 3

To find  $\frac{3}{4}$  of 12,  
you divide by 3 and then  
multiply the answer by 4



Dexter

Who is correct? Tommy

How do you know? Show your working.



8 Dora, Whitney and Ron each find a fraction of 24 using counters.



Dora

I have  $\frac{5}{6}$  of 24

I have  $\frac{2}{3}$  of 24



Whitney



Ron

I have 18 counters.

a) Who has the most counters? Show your workings.

$\frac{5}{6}$  of 24 = 20      $\frac{2}{3}$  of 24 = 16

Dora

b) How many more counters does Dora have than Whitney?

$20 - 16 = 4$

$\boxed{4}$

9 Write fractions to make the statements correct.

e.g.  
 $\frac{1}{6}$  of 36 < 18

$\frac{1}{2}$  of 36 = 18

$\frac{3}{4}$  of 36 > 18

How many different answers can you find for each?  
Compare with a partner.

## Friday Maths Answers

### Dip and Pick Card 20

184, half, half and  
half again 184, 92, 46, 23 or

$$184 \div 8$$

$$10 \times 8 = 80$$

$$10 \times 8 = 80$$

$$3 \times 8 = 24$$

Ben scores 23 points on each of  
the 8 days.

One possible approach...

Necklace 8 points, Coin 10 points,  
Diamond 50 points, Green stone 3 points.

I could collect 2 diamonds (100),  
9 coins (90), 4 necklaces (32) and  
10 green stones (30) TOTAL = 252.

Harry	Jimmy
200	50
400	100
600	150
800	200
100	250

etc.

$$289 + 66 = 355$$

points.

Dexter has 355  
points.

$$289 + 66 = 355 \text{ points.}$$

Dexter has 355 points.

$$355 - 112 = 243$$

The difference is 243 points.

Yes he could.

He could have collected 1 blue jewel  
(8 points) and 3 red jewels ( $3 \times 3 = 9$ ).

$$9 \text{ points} + 8 \text{ points} = 17 \text{ points.}$$

# Friday Maths

## The Mystery of the Missing Shield **Answers**

### Clue 1

$$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$$

$$\frac{9}{10} - \frac{6}{10} = \frac{3}{10}$$

$$\frac{1}{10} + \frac{6}{10} = \frac{7}{10}$$

$$\frac{7}{10} - \frac{4}{10} = \frac{3}{10}$$

$$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$$

$$\frac{2}{10} + \frac{7}{10} = \frac{9}{10}$$

$$\frac{8}{10} - \frac{1}{10} = \frac{7}{10}$$

$$\frac{6}{10} + \frac{3}{10} = \frac{9}{10}$$

$$\frac{2}{10} + \frac{1}{10} = \frac{3}{10}$$

$\frac{3}{10}$	$\frac{7}{10}$	$\frac{9}{10}$
The guest doesn't have a red cloak.	<b>The guest doesn't have a yellow cloak.</b>	The guest doesn't have a blue cloak.

### Clue 2

START	$\frac{1}{2} > \frac{1}{3}$	$\frac{5}{8} < \frac{7}{8}$	$\frac{1}{5} > \frac{1}{8}$	$\frac{4}{5} > \frac{2}{5}$
$\frac{1}{9} < \frac{1}{6}$	$\frac{3}{4} < \frac{1}{4}$	$\frac{5}{6} < \frac{1}{6}$	$\frac{7}{10} > \frac{9}{10}$	$\frac{1}{3} > \frac{1}{4}$
$\frac{6}{7} > \frac{5}{7}$	$\frac{3}{10} < \frac{1}{10}$	$\frac{1}{4} > \frac{1}{3}$	$\frac{2}{9} < \frac{4}{9}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{1}{3} < \frac{1}{5}$	$\frac{5}{8} > \frac{1}{8}$	$\frac{1}{8} < \frac{3}{8}$	$\frac{5}{12} < \frac{7}{12}$	$\frac{2}{3} < \frac{1}{3}$
$\frac{1}{5} < \frac{1}{3}$	$\frac{2}{5} > \frac{1}{5}$	$\frac{7}{10} < \frac{3}{10}$	$\frac{9}{11} < \frac{7}{11}$	$\frac{1}{7} > \frac{1}{8}$
$\frac{4}{6} > \frac{2}{6}$	$\frac{1}{4} < \frac{1}{5}$	$\frac{8}{9} < \frac{2}{9}$	$\frac{1}{6} > \frac{1}{8}$	$\frac{4}{7} > \frac{3}{7}$
The emblem of the guest who finds the shield is not a lion or cross.	The emblem of the guest who finds the shield is not a bull or star.	The emblem of the guest who finds the shield is not a bull or lion.	The emblem of the guest who finds the shield is not a bull or cross.	The emblem of the guest who finds the shield is not a lion or star.

The emblem of the guest who finds the shield isn't a **lion or cross**.






### Clue 3

The remaining fraction is:

$\frac{2}{10}$  The guest's horse is black or chestnut.

The guest who finds the shield has a **black** or **chestnut** horse.

### Clue 4

	Right ✓	Wrong ✗
 represents $\frac{3}{4}$	✓	
 represents $\frac{1}{2}$		✗
 represents $\frac{2}{3}$	✓	
 represents $\frac{4}{5}$		✗
 represents $\frac{1}{3}$	✓	
<b>Total</b>	<b>3</b>	<b>2</b>

The guest who finds the shield is male / ~~female~~.



### Clue 5

$\frac{3}{4}$			
$\frac{2}{3}$			
$\frac{3}{8}$			
$\frac{1}{5}$			
Age	21-30	31-40	<b>41-50</b>

The guest who finds the shield is aged between **41-50**.

The guest who is responsible for finding the shield is **Lady Catherine**.