English Comprehension Answers

English Comprehension: How Do We Move?

Purpose: Explanation text

Understanding the text

1. The parts inside my arm are the bones, the muscles, the joints, the tendons and the ligaments.

2. The joint is where two bones meet.
3. The ligaments hold a joint together.
4. Muscles do not work alone, they work in pairs.
5. When the parts inside an arm work, you can move your arm.

Looking at language

6a. Tendons are strong bands of tissue that connect a muscles to a bone.
6b. Ligaments are strong bands of tissue holding joints together.
6c. Contracts means shorten.
6d. Relaxes means becoming less tight.

Exploring the information

7. The purpose of this text is to explain how you can move your own.

8. Anyone who is interested in how the body works (you could accept the answer of 'children' as the layout of the text is child friendly, colourful, diagrams, chunked up text).

9. The information is presented by using text and diagrams.

10. Accept answers that suggest it would not be as easy to understand without diagrams. The diagrams show the reader what the text is explaining.

Taking it further

11. Adult to discuss with child what they have found out using key vocabulary from the text.

12. Adult to mark the child's diagram using the vocab, bones, muscles, joints, tendons and ligaments.

English Comprehension: The Search for the Loch Ness Monster

Purpose: Film Advertisement

Understanding the text

1. The film being advertised is 'Search for the Loch Ness Monster'.

2. The stars of the film are Anne Grey and John Johnson.

3. The film set is 'on the banks of Loch Ness'.

4. The main character is Maggie Brown.

5. The whole family can go and see the film. The film is certified as a 'U'.

Looking at language

6a. More than she bargained for means more than she expected.

6b. Award- wining means someone who has won awards for their work.

6c. Not going mad means she isn't seeing things or imagining things.

7a. Realistic is used to make the scenery and monster seem natural and real.

7b. Legendary is used to make the Loch Ness Monster seem famous or well-known from a long period of time.

7c. Convince is used to male someone believe something.

Exploring the persuasive writing

8. The question in the text is 'can she convince people that she is not going mad? Answers to suggest that they only way to find the answer is to see the film.

9. I think the poster includes quotes from the newspaper because it encourages others to go and see the film.

10. The advert/poster does not include quotes from people who didn't like the film because the poster is trying to persuade people to see the film, it will not include anything that may persuade not people to see it.

11. It is important for the monster to be realistic as people who watch the film must be convinced that the monster is real.

12. Adult to mark answers. Making sure children use P.E.E. to answer the text.

- Point – make your point
- Explain – explain what you mean
- Evidence – use evidence from the text to support your answer

13. Adult to mark answers.   Making sure children use P.E.E. to answer the text.

- Point – make your point
- Explain – explain what you mean
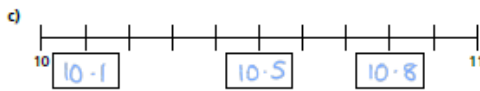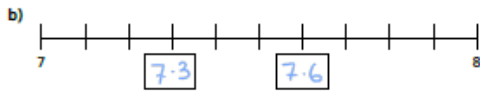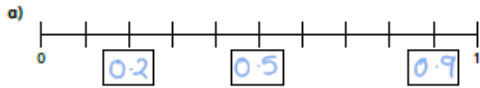- Evidence – use evidence from the text to support your answer

Taking it further

13. Adult to mark answers. Children must use persuasive language.
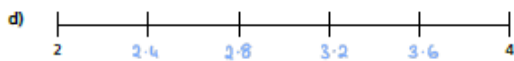Use the persuasive language word mat below for reference.
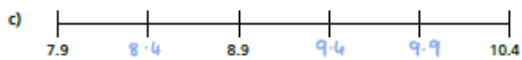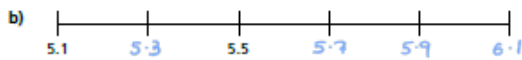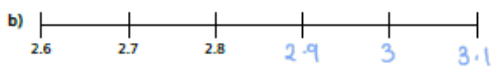
White Rose Maths Lessons Answers

White Rose – Tenths on a number line Answers

Tenths on a number line

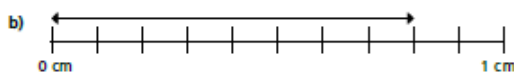**1** Fill in the decimal numbers on each number line.

a) 0   0.2   0.5   0.9   1

b) 7   7.3   7.6   8

c) 10   10.1   10.5   10.8   11

2 Complete the number lines.

a) 1.0   1.1   1.2   1.3   1.4   1.5

b) 2.6   2.7   2.8   2.9   3   3.1

c) 5.0   5.2   5.4   5.6   5.8   6

d) 7.0   7.1   7.2   7.3   7.4   7.5

3 Here is a ruler with centimetres as whole numbers and millimetres as tenths.

Complete the sentences about points A, B and C.

Point A is $\boxed{2}$ cm along the ruler.

Point B is $\boxed{4}$ cm and $\boxed{5}$ mm along the ruler.

As a decimal it is $\boxed{4.5}$ cm.

Point C is $\boxed{7}$ cm and $\boxed{3}$ mm along the ruler.

As a decimal it is $\boxed{7.3}$ cm.

4 Complete the number lines.

a) 4.1   4.4   4.7   5   5.3   5.6

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b) 5.1   5.3   5.5   5.7   5.9   6.1

c) 7.9   8.4   8.9   9.4   9.9   10.4

d) 2   2.4   2.8   3.2   3.6   4

5 How long is each line?

a) The line is $\boxed{0.3}$ cm long.

b) The line is $\boxed{0.8}$ cm long.
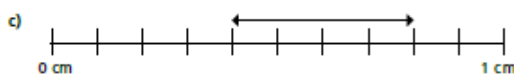
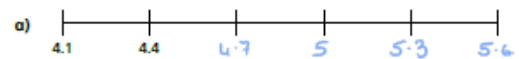c) The line is $\boxed{0.4}$ cm long.

How would your answers have been different if given in millimetres?

6 Draw arrows to estimate the position of the numbers on the number line.

a) 0.8   0.1   0.5   0.3

0.1   0.3   0.5   0.8

0 ———— 1

b) 4.9   3.1   4.5   3.6   4.0

3.1   3.6   4.0   4.5   4.9

3 ———— 5
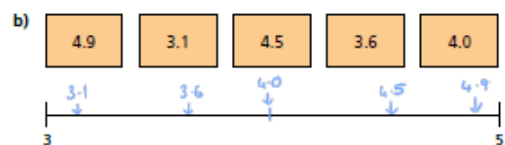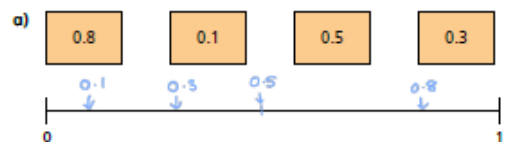
7 The triangle, circle and cross have the same value on both lines. Work out the values.

40 ———— X ———— 50

40 ———— X ———— 50
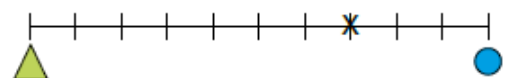
$\triangle = \boxed{45}$ $\bigcirc = \boxed{46}$ $X = \boxed{45.7}$

Create your own problem like this for a friend.

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White Rose – Dividing 1 digit by 10 Answers

1 Look at the ten frames.

a)
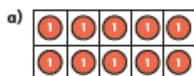
What number is represented? **10**

Complete the division. **10** ÷ 10 = **1**

b)

What number is represented? **1**

Complete the division. **1** ÷ 10 = **0.1**

c) What is the same? What is different?

2 a) What calculation is represented by the counters?

3 ÷ 10 = **0.3**

b) Complete the number sentence.

3 ones divided by ten = **3** tenths.

3 a) Draw counters on the place value chart to show 7

Ones	Tenths

b) Complete the division.   7 ÷ 10 = **0.7**

c) Draw counters on the place value chart to show your answer.

Ones	Tenths
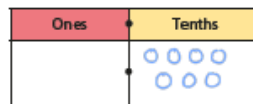
d) What do you notice?

e) Complete the sentence.

7 ones divided by ten = **7** tenths.

4 a) Use a place value chart to represent 9

b) Move the counters to the right to represent 0.9

c) Complete the division.

9 ÷ 10 = **0.9**

d) What do you notice?

e) Complete the sentence.

9 ones divided by ten equals **9** tenths.

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5

Dora: To divide by 10, you split the counters into 10 equal parts.

Alex: To divide by 10, you put the counters on a place value chart and move them one column to the right.
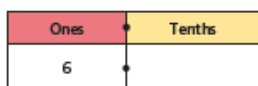
Who is correct? Circle your answer.

Dora   Alex   neither   (**both**)

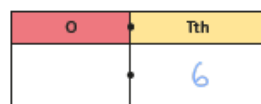Compare answers with a partner.
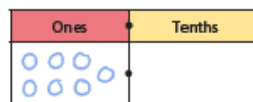
6 Here is a one-digit number on a place value chart.

Ones	Tenths
6	

a) Complete the division.

6 ÷ 10 = **0.6**

b) Write your answer on the place value chart.

O	Tth
	6

c) In your own words, describe what happens to the digits in a number when you divide by 10

They move one place to the right.

d) Use this method to work out the divisions.

7 ÷ 10 = **0.7**   **8** ÷ 10 = 0.8

7 Complete the divisions.

a) 4 ÷ 10 = **0.4**   d) 9 ÷ 10 = **0.9**

b) 2 ÷ 10 = **0.2**   e) **3** ÷ 10 = 0.3

c) **0.5** = 5 ÷ 10   f) **1** ÷ 10 = 0.1

8 Complete the number sentences.

a) 6 ÷ **2** ÷ 10 = 3 ÷ 10

b) 24 ÷ 6 ÷ 10 = **4** ÷ 10

c) 42 ÷ **14** ÷ 10 = 21 ÷ 7 ÷ 10

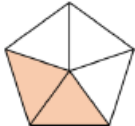d) Write a problem like this for a partner to solve.

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Year 4

Fractions
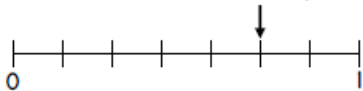
Name _____

1 What fraction of the shape is shaded?

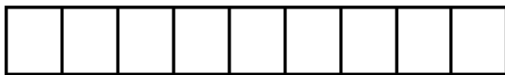$\dfrac{2}{5}$ 1 mark

What fraction is the arrow pointing to?

0 ————↓———— 1

$\dfrac{5}{7}$ 1 mark

2 What is $\dfrac{2}{9} + \dfrac{5}{9}$?

Use the fraction strip to help you.

$\dfrac{7}{9}$ 1 mark

3 Complete the equivalent fractions.
Use the fraction wall to help you.

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

| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

| $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ | $\frac{1}{12}$ |

$\dfrac{1}{3} = \dfrac{2}{6} = \dfrac{4}{12}$ $1 = \dfrac{12}{12} = \dfrac{6}{6} = \dfrac{3}{3}$

2 marks

4 Complete the part-whole models.

1 → $\dfrac{3}{8}$, $\dfrac{5}{8}$

1 → $\dfrac{2}{5}$, $\dfrac{3}{5}$

2 → $\dfrac{3}{5}$, $\dfrac{7}{5}$

3 marks

5 Annie is counting in quarters.

One quarter, two quarters, three quarters, four quarters, five quarters, six quarters...

I mark for 2 correctly circled.
What is the next fraction that Annie will say?
Circle all possible answers.

(⃝ $\dfrac{7}{4}$) $\dfrac{4}{7}$ (⃝ $1\dfrac{3}{4}$)   (⃝ Seven Quarters)
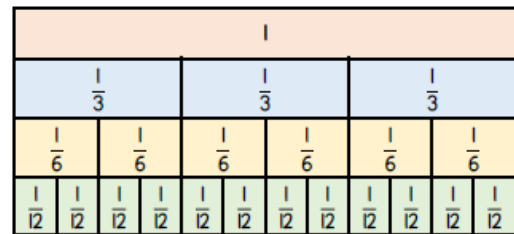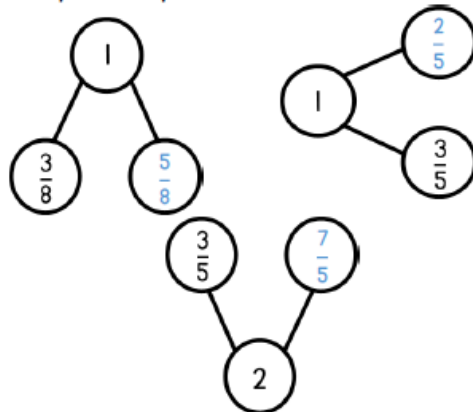
2 marks

6 Calculate.

$\dfrac{12}{5} - \dfrac{4}{5} = \dfrac{8}{5}$

$\dfrac{4}{5} + \dfrac{3}{5} = 1 + \dfrac{2}{5}$

2 marks

7 A chocolate bar weighs 250 grams.
Liam eats $\dfrac{3}{10}$ of the chocolate bar.
Bella eats $\dfrac{7}{10}$ of the chocolate bar.
How many more grams does Bella eat than Liam?

100 grams   2 marks

8 Complete the missing number.

$\dfrac{1}{6}$ of $\boxed{252}$ = 42

1 mark

Circle how confident you feel with fractions.

1   2   3   4   5

Not confident .... Very confident

Time Problem Solving Answers

① 45 days

② 70 minutes
(1 hour & 10 minutes)

4:20pm

③ 2.15pm

④ 8:18am

⑤ 1 hour 12 minutes