



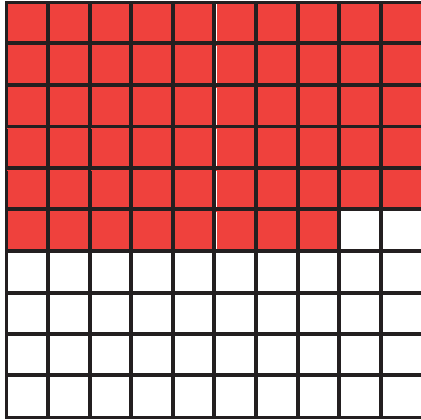
# **MOUNTCREST ACADEMY**

ESTD 2014

ASSESSMENT & EVALUATION TEAM  
MOUNTCREST ACADEMY

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1 What fraction is shaded?



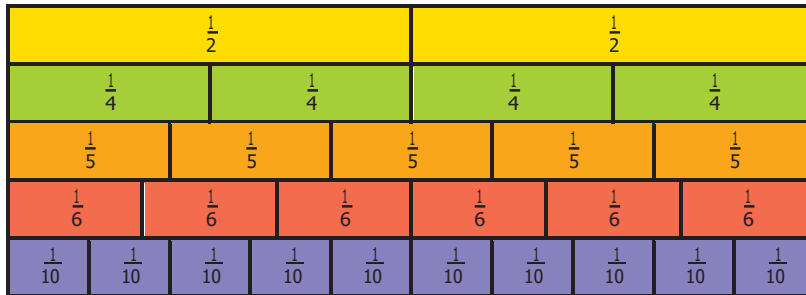
A 58

B  $\frac{58}{10}$

C  $\frac{58}{100}$

D  $\frac{5}{10}$

2 Which fraction is not equivalent to  $\frac{1}{2}$ ?



A  $\frac{2}{4}$

B  $\frac{2}{5}$

C  $\frac{3}{6}$

D  $\frac{5}{10}$

3 What fraction is shaded?



A  $\frac{2}{4}$

B  $\frac{1}{3}$

C  $\frac{2}{3}$

D  $\frac{1}{9}$

4 What is  $\frac{20}{24}$  in its simplest form?

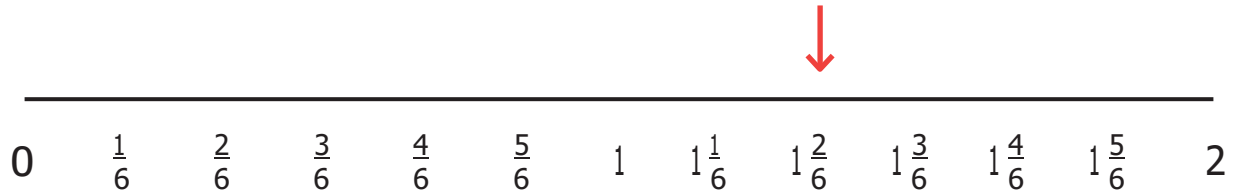
**A**  $\frac{5}{6}$

**B**  $\frac{10}{12}$

**C**  $\frac{1}{6}$

**D**  $\frac{1}{5}$

5 Which fraction is the same as this?



**A**  $\frac{2}{6}$

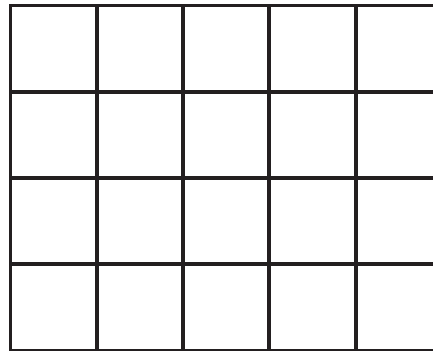
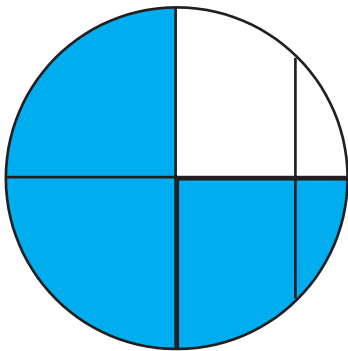
**B**  $\frac{1}{3}$

**C**  $\frac{8}{6}$

**D**  $\frac{12}{6}$

6 These two shapes need the same fraction shaded.

How many squares should be shaded in the rectangle?

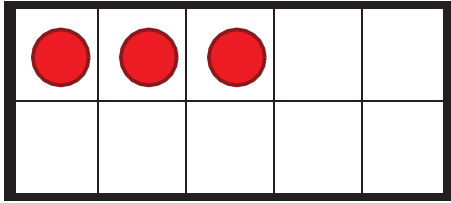


Explain your reasoning.

How much money does she have left?

Ambika has £      left.

1 What fraction of the whole is covered with red counters?



**A** 0.7

**B** 0.03

**C** 0.3

**D** 0.07

2 What is the value of the 9 digit?

13.19

**A** 9 ones

**C** 9 hundreds

**B** 9 tenths

**D** 9 hundredths

3 Complete the following calculation:

$$7 \div 10 = \square$$

**A** 7.0

**B** 7.7

**C** 0.7

**D** 0.07

**4**

Complete the following calculation:

$24 \div 10 = \square$

**A** 20·4

**B** 2·4

**C** 0·24

**D** 2·04

5 Which of the following is **not** equivalent to 0.46?

A  $\frac{46}{100}$

C 46 tenths

B 46 hundredths

D 3 tenths and 16 hundredths

6 Complete the calculation:

$$0.72 = 0.7 + \square$$

A 0.2

B 0.79

C 1.42

D 0.02

7 Complete the calculation:

$$21 \div 100 = \square$$

A 2.1

B 2.01

C 0.21

D 0.12

8 What number, greater than 1.6 and less than 1.7, can be made using the following digit cards?



A 1.70

B 0.61

C 1.76

D 1.67

9

Place the following numbers accurately on the number line:

1.7    1.23    1.76    1.07



1 How much money is shown here?



A £10

B £71

C £3.67

D £4.67

2 What is this amount in pounds?



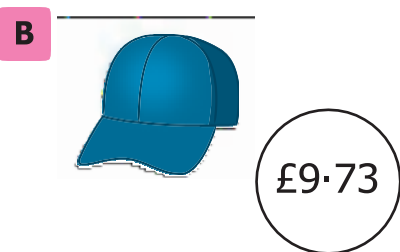
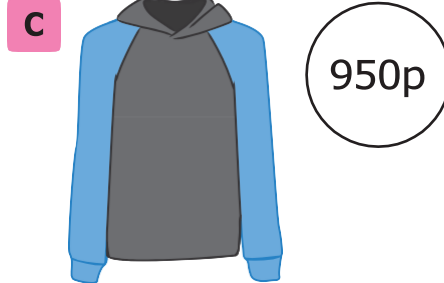
A £3

B £0.30

C £0.3

D £0.03

3 Which item is the most expensive?





4 Adam buys a cup of tea with a £5 note.

He receives £3.15 change.

How much did the cup of tea cost?

- A** £1.85      **B** £2.15      **C** £2.85      **D** £3.15

5 Which of the following amounts does not round to £8 to the nearest £1?

- A** £7.50      **B** £7.90      **C** £8.04      **D** £8.50

6 What do you get if you add together £1.34 and 72p?

- A** £1.96      **B** £2.06      **C** £73.34      **D** You cannot add them together.

7 A pencil costs 17p.

Max buys 9 pencils for his friends.

He pays with a £5 note.

How much change does Max get?

8 How much does an apple cost?

$$\begin{array}{ccccccc} \text{Pear} & + & \text{Pear} & + & \text{Pear} & + & \text{Apple} & = & 95\text{p} \end{array}$$

$$\begin{array}{ccccccc} \text{Pear} & + & \text{Pear} & + & \text{Apple} & = & 75\text{p} \end{array}$$



1 It takes Alex 180 seconds to run around the school field.

What is another way of writing this time?

- A 30 minutes
- B 7,200 minutes
- C 3 seconds
- D 3 minutes

2 How could you find out the number of days in 21 weeks?

- A Multiply 21 by 7.
- B Divide 21 by 7.
- C Change the units to days.
- D Subtract 7 from 21.

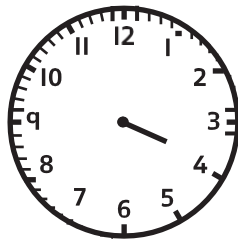


3 Which time is not the same as the others?

A



B



C



D

8 minutes to 4

**4** Which of these 12-hour times is written correctly as a 24-hour time?

**A** 2:34 am = 24:34

**B** 4:19 am = 04:19

**C** 7:30 am = 19:30

**D** 3:29 am = 3:29

**5** Which of these lengths of time is the longest?

**A** 1 week

**B** 75 days

**C** 150 minutes

**D** 240 hours

6 Amelia, Bella and Ebo run a race.

Amelia's time is 85 seconds.

Bella finishes 8 seconds before Amelia.

I finished two seconds  
after Bella.



Ebo

What is Ebo's time in minutes and seconds?

# Unit 14 - Statistics

1 How many more people prefer a cat than prefer a rabbit?





**A**  $1\frac{3}{4}$

**B** 7

**C** 9

**D** 10

**Favourite pet**

	Number
cat	
dog	
rabbit	
hamster	

Each  represents 4 people.

2 Which statement is not true?

**A** The most popular pet is a cat.

**B** The least popular pet is a rabbit.

**C** 4 more people like hamsters than like rabbits.

**D** 3 people's favourite pet is a dog.

3 This table shows the scores out of 100 of 4 children in their termly spelling tests.

Which child showed the biggest improvement between Autumn term and Summer term?

**A** Otis

**B** Grace

**C** Evie

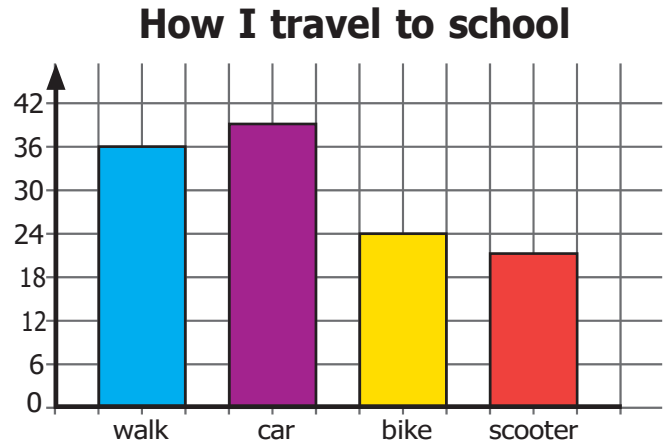
**D** Milo

	Autumn term	Summer term
<b>Otis</b>	73	93
<b>Grace</b>	21	71
<b>Evie</b>	42	93
<b>Milo</b>	32	81

**4** Sam asked some children in Year 4 how they came to school today.

He put his results in a bar chart.

How many people came by scooter?



- A** 20
- B** 24
- C** 21
- D**  $18\frac{1}{2}$

**5** How many more people walked, biked or scooted to school in total compared to the number of people who came by car?

- A** 6
- B** 3
- C** 40
- D** 42

**6** What is the difference between the highest and lowest temperature in the day?

