

Year 3 Fractions

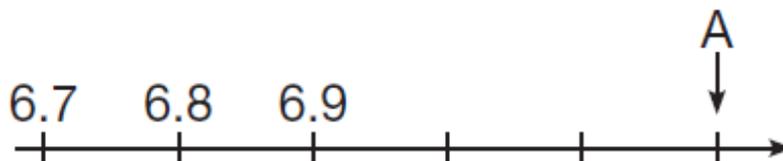
Q1. Write these numbers in order, starting with the smallest.

0.6	$\frac{3}{10}$	0.2	$\frac{9}{10}$
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smallest

1 mark

Q2.



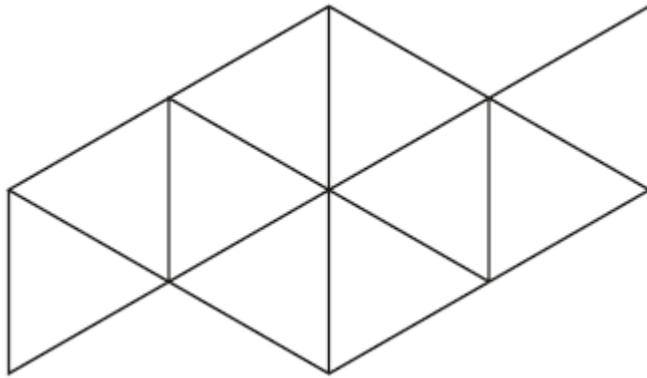
What number is marked at A?



1 mark

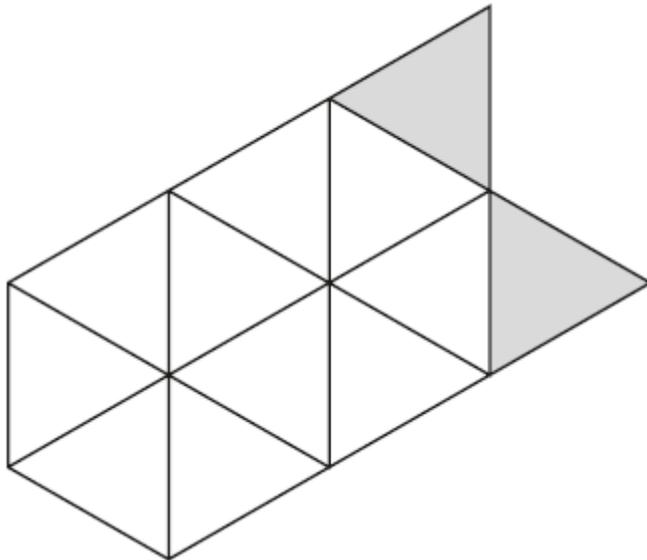
Q3. Shade $\frac{1}{5}$ of this shape.





1 mark

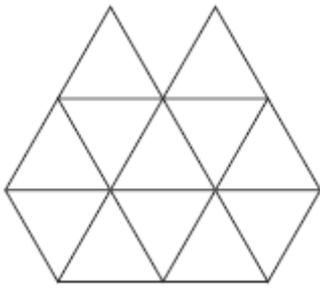
Shade **more** triangles on this shape so that is $\frac{1}{3}$ shaded



1 mark

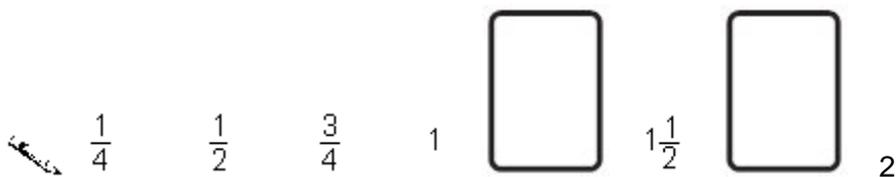
Q4. Shade $\frac{1}{4}$ of this shape.





1 mark

Q5. Write the **two** missing numbers in this sequence.



1 mark

Q6. Ben cuts a pizza into 8 equal pizzas.

Ben eats $\frac{5}{8}$ and Sue eats $\frac{1}{8}$ of the pizza.

What fraction of the pizza is left?



1 mark

Q7.

$$\frac{4}{5} - \frac{1}{5} =$$



Q8.

$$\frac{1}{9} + \frac{4}{9} =$$



1 mark

Q9. Write these numbers in order starting with the smallest.

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

$$\frac{1}{4}$$

$$\frac{1}{8}$$

$$\frac{1}{5}$$



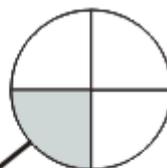
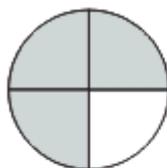
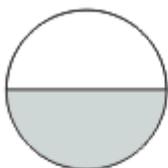
smallest

1 mark

Q10. A fraction of each shape is shaded.

Match each fraction to the correct place on the number line.

One has been done for you.



1 mark

Q11. Sarah has a packet of balloons.



The contents of the packet are

- 5 red balloons
- 5 blue balloons
- 10 yellow balloons

Sarah says,

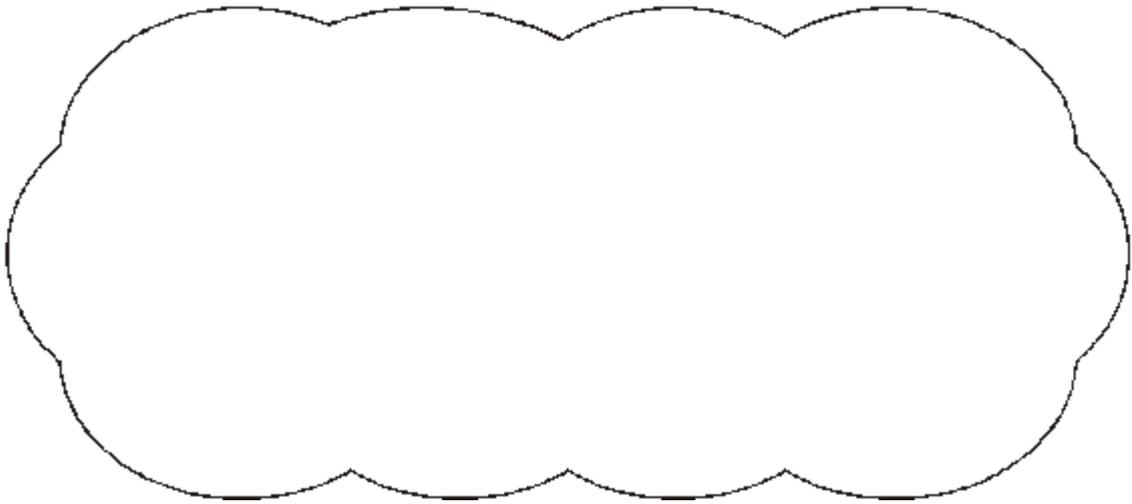
'One-quarter of the balloons are red'.

Is Sarah correct?
Circle **Yes** or **No**.

 Yes / No

Explain how you know.





1 mark

Q12.



Tom and Nadia have 16 cards each.

Tom gives Nadia 12 of his cards.

How many cards do Tom and Nadia each have now?


Tom
Nadia

1 mark

Lucy also has 16 cards.

She gives a quarter of her cards to Kiran.

How many cards does Lucy give to Kiran?



1 mark

Q13.

$$\frac{1}{5} + \frac{3}{5} =$$

1 mark

Q14.

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

1 mark

Q15. Write these numbers in order, starting with the smallest.

$$\frac{5}{7} \quad \frac{2}{7} \quad \frac{6}{7} \quad \frac{3}{7}$$

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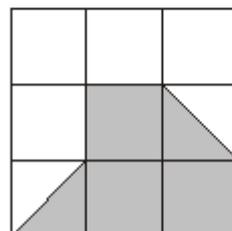
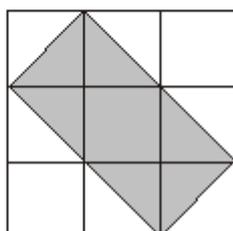
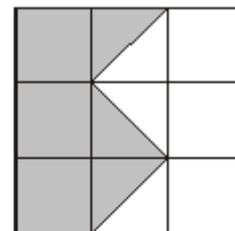
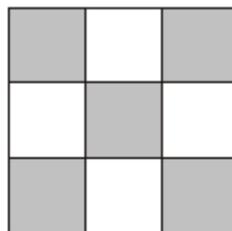
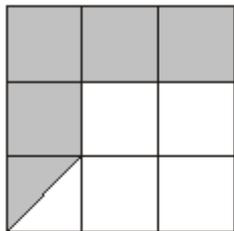
smallest

1 mark

Q16. Here are five diagrams.

Look at each one.

Put a tick (✓) on the diagram if exactly $\frac{1}{2}$ of it is shaded.
 Put a cross (✗) if it is not.



2 marks

Q17. Circle the **two** fractions that are **greater than** $\frac{1}{2}$

1/8 $\frac{1}{8}$

$\frac{6}{10}$

$\frac{5}{8}$

$\frac{3}{10}$

1 mark

N16. Look at the diagrams.

Say whether each diagram is exactly $\frac{1}{2}$ shaded, more than $\frac{1}{2}$ or less than $\frac{1}{2}$ shaded.

- A exactly $\frac{1}{2}$
- B more than $\frac{1}{2}$
- C exactly $\frac{1}{2}$
- D less than $\frac{1}{2}$
- E less than $\frac{1}{2}$

Level 3; APP Ma? AF 2

N17. Look at the fractions. Say whether each fraction is equivalent to $\frac{1}{2}$, more than $\frac{1}{2}$ or less than $\frac{1}{2}$.

- 1 $\frac{1}{8}$ is less than $\frac{1}{2}$
- 2 $\frac{6}{10}$ is more than $\frac{1}{2}$
- 3 $\frac{5}{8}$ is more than $\frac{1}{2}$
- 4 $\frac{3}{10}$ is less than $\frac{1}{2}$
- 5 $\frac{2}{4}$ is equivalent to $\frac{1}{2}$
- 6 $\frac{5}{6}$ is more than $\frac{1}{2}$
- 7 $\frac{5}{10}$ is equivalent to $\frac{1}{2}$

Level 3; APP Ma? AF 2