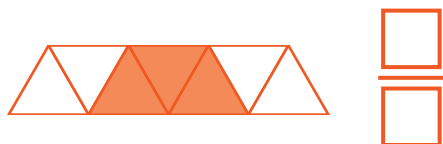


Fractions

Ready-to-Progress Assessment

Name: _____ Date: _____

1. What fraction of each diagram is shaded?



2. What is $\frac{1}{5}$ of 40? Complete this bar model to find the answer.

1 mark

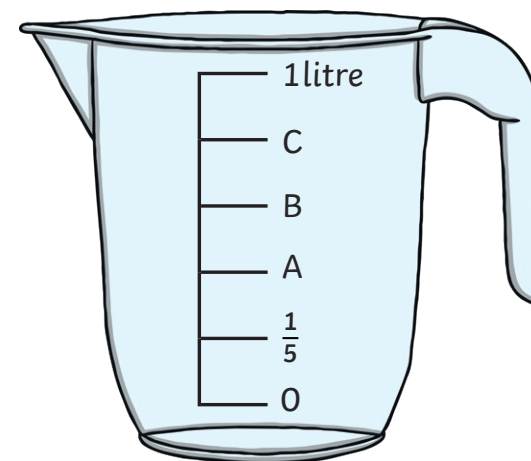
2 marks

3. What should the measurements on the jug be?

A = litres

 B = litres

 C = litres



1 mark

4. At the end of morning break, there were 5 footballs, 10 tennis rackets and 10 hockey sticks on the playground.



What fraction of the total were footballs? (You could use a bar model to help you.)

--

1 mark

5. a) Circle the shapes below that have $\frac{3}{4}$ shaded.



b) Explain why have you circled those shapes.

6. 24 sharks were hunting for fish in the ocean.
 $\frac{1}{8}$ of them found some tasty food to eat but all the others did not find a thing and swam off sulking.
 How many fish did not find any food?



7. Complete these calculations.

$$\frac{4}{8} + \frac{3}{8} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{5}{9} - \frac{2}{9} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{8}{14} + \frac{5}{14} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{9}{12} - \frac{5}{12} = \frac{\boxed{}}{\boxed{}}$$

2 marks

8. a) Which of the statements below is the most accurate? Tick the correct box.



A. The arrow is pointing to $\frac{3}{5}$.

☐

B. The arrow is pointing to $\frac{1}{2}$.

☐

C. The arrow is pointing to $\frac{1}{4}$.

☐

D. The arrow is pointing to $\frac{9}{10}$.

☐

b) How do you know?

2 marks

9. a) Which is larger: $\frac{8}{10}$ or $\frac{4}{10}$? Explain your answer.

1 mark

b) Which is larger: $\frac{1}{5}$ or $\frac{1}{4}$? Explain your answer.

1 mark

10. a) Shade in $\frac{9}{12}$ of this number line.

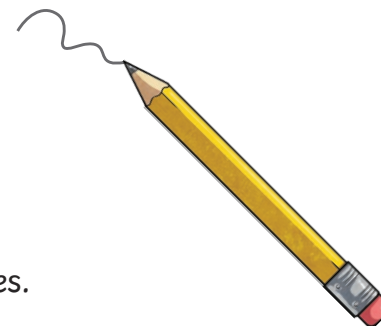
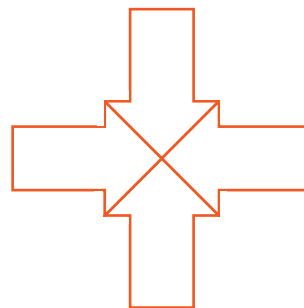


b) How much of this number line is shaded?

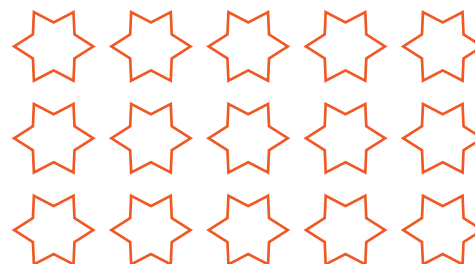


2 marks

11. Colour $\frac{3}{4}$ of this shape.



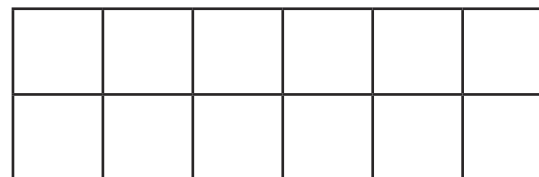
b) Colour $\frac{4}{5}$ of these shapes.



2 marks

12. Colour this shape using the following instructions:

- Colour $\frac{1}{6}$ yellow.
- Colour $\frac{1}{3}$ blue.
- Colour $\frac{1}{4}$ red.



2 marks

Total
20 marks