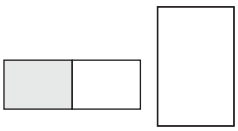
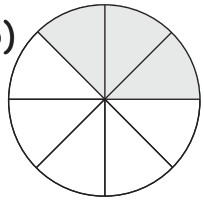
FRACTIONS 1

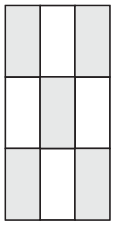
MARK

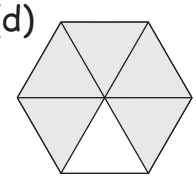
6

1. What fraction of each of the following shapes is shaded?

(a) 

(b) 

(c) 

(d) 

2. What fraction is shown by the dot on each of the number lines below.

(a) 0 — 1

(b) 0 — 1

(c) 0 — 1

(d) 0 — 1

3. Write these fractions in words.

Example: $\frac{2}{5}$ is **two-fifths**

(a) $\frac{5}{8}$ _____

(b) $\frac{7}{10}$ _____

(c) $\frac{3}{4}$ _____

4. Write these fractions in numeral form.

(a) nine-tenths

(b) five-sevenths

5. Use a ruler to measure the length of the box below.
Use this measurement to help you colour in one-fifth of the box red, two-fifths yellow and two-fifths green.

6. (a) Measure the box below.
Colour one-quarter of the box blue, one-eighth orange, half of the box purple and the rest of it black.

(b) What fraction of the box is coloured black?

7. If 1 kg of chocolate costs $4, find the cost of the following amounts.

(a) $\frac{1}{4}$ kg

(b) $\frac{1}{2}$ kg

(c) $2\frac{1}{2}$ kg

(d) $5\frac{3}{4}$ kg

(e) $1\frac{1}{8}$ kg

8. There were eight pets in a school pet show. Five were dogs. What fraction of the pets were dogs. ☐

9. Garry shot 10 arrows at a target. Three hit the bulls-eye.

(a) What fraction of his shots hit the bulls-eye? ☐

(b) What fraction of Garry's shots missed the bulls-eye? ☐

10. What fraction of a week is a day? ☐

11. Jemima competed in a race that was 16 kilometres long. She had to swim one-eighth of the race, ride half of the race and run the remainder of the race.
How many kilometres did she have to swim, ride and run?

Swim ☐ Ride ☐ Run ☐

12. One-third of the crowd at a football game between the Bulldogs and Crushers barracked for the Bulldogs.
If 4000 people barracked for the Bulldogs, how many barracked for the Crushers?

☐

13. Find the following amounts.

(a) $\frac{1}{5}$ of 20 ☐ (b) $\frac{2}{5}$ of 20 ☐

(c) $\frac{3}{5}$ of 20 ☐ (d) $\frac{4}{5}$ of 20 ☐

14. Find the answers to the following problems and place the answers in the boxes next to each problem.

$\frac{2}{5}$ of 50		L	$\frac{7}{8}$ of 40		E
$\frac{1}{2}$ of 24		T	$\frac{1}{2}$ of 84		N
$\frac{5}{6}$ of 30		E	$\frac{2}{3}$ of 15		S
$\frac{3}{4}$ of 20		A	$\frac{8}{9}$ of 54		I
$\frac{2}{3}$ of 60		N	$\frac{2}{3}$ of 75		S
$\frac{3}{7}$ of 70		T	$\frac{3}{4}$ of 24		B

Arrange the answers in order from the smallest to the largest and place in the top line of the boxes below. Place the letters under the numbers to spell the answer to the following riddle.
(The first answer is included)

What sport do horses like to play?

10											
S