

# FRACTIONS 2

MARK

# 7

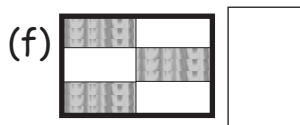
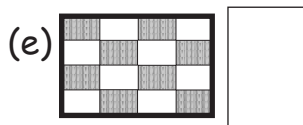
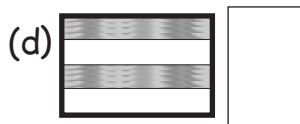
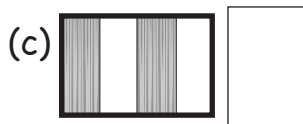
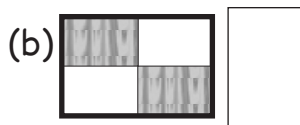
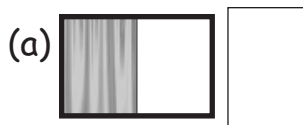
1. What fraction is shown on the following number lines?



2. Mark  $\frac{1}{4}$  on the following number lines.



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



4. Shade **one-third** of each of the following shapes so that each shape is different.



5. Complete the following fractions.

Example  $\frac{1}{2} = \frac{\square}{4}$       $\frac{1}{2} = \frac{\boxed{2}}{4}$

(a)  $\frac{1}{3} = \frac{\square}{6}$

(b)  $\frac{1}{4} = \frac{\square}{12}$

(c)  $\frac{1}{5} = \frac{\square}{20}$

(d)  $\frac{3}{4} = \frac{\square}{8}$

(e)  $\frac{2}{3} = \frac{\square}{9}$

(f)  $\frac{3}{5} = \frac{\square}{50}$

(g)  $\frac{5}{6} = \frac{\square}{18}$

(h)  $\frac{7}{10} = \frac{\square}{30}$

6. Write **three** fractions that are equal to the following fractions.

(a)  $\frac{2}{5} =$

(b)  $\frac{3}{8} =$

7. Connect with a line each pair of fractions that are equal. (One pair is joined as an example)
- |                 |                 |
|-----------------|-----------------|
| $\frac{1}{4}$   | $\frac{14}{24}$ |
| $\frac{5}{8}$   | $\frac{2}{3}$   |
| $\frac{10}{20}$ | $\frac{15}{24}$ |
| $\frac{7}{12}$  | $\frac{3}{12}$  |
| $\frac{12}{16}$ | $\frac{5}{10}$  |
| $\frac{8}{12}$  | $\frac{3}{4}$   |

8. Circle the largest fraction in the following pairs of fractions.

- (a)  $\frac{1}{3}$   $\frac{3}{6}$     (b)  $\frac{3}{8}$   $\frac{1}{4}$     (c)  $\frac{3}{4}$   $\frac{5}{8}$

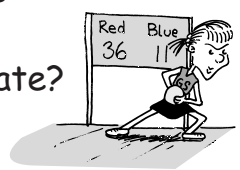
9. Arrange the following groups of fractions in order from the smallest to the largest.

(a)  $\frac{1}{2}$     $\frac{1}{4}$     $\frac{3}{8}$         

(b)  $\frac{3}{10}$     $\frac{2}{5}$     $\frac{7}{20}$         

10. What fraction of the year is winter?  
Write your answer two ways.     

11. In a game of netball Stephanie had 12 shots at goal and scored 8 goals. Zoe had 18 shots at goal and scored 10 goals. Who was more accurate? Explain your answer.

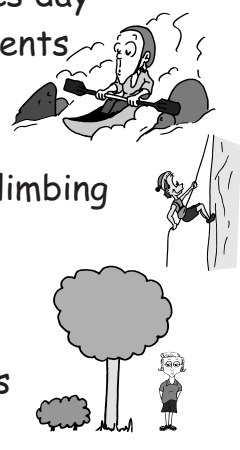


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12. On a school activities day one-third of the students went canoeing, one-quarter of the students went rock-climbing and the rest of the students went bush-walking.



(a) Which activity was most popular? Explain your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(b) Which activity was least popular? \_\_\_\_\_

13. (a) Which fraction rhymes with a young cow? \_\_\_\_\_

(b) Which fraction rhymes with the liquid found in baths, rivers and the sea? \_\_\_\_\_

(c) Which fraction rhymes with an animal that has feathers and wings? \_\_\_\_\_

(d) Which fraction can be found in rotten things? \_\_\_\_\_

14. Rearrange the letters from the following phrases to spell fractions.

**Example:** heel vent - **eleveth**

(a) white tent \_\_\_\_\_

(b) hens vet \_\_\_\_\_

(c) hot feet run \_\_\_\_\_

(d) fit thief \_\_\_\_\_