

# FRACTIONS 3

MARK

# 8

1. (a) Colour in  $\frac{1}{3}$  of block A below.

(b) Colour in  $\frac{2}{5}$  of block B below.



A



B

(c) Which fraction is bigger ( $\frac{1}{3}$  or  $\frac{2}{5}$ )?

2. (a) Colour in  $\frac{3}{4}$  of block A below.

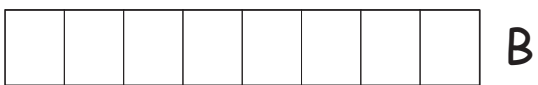
(b) Colour in  $\frac{5}{8}$  of block B below.

(c) Colour in  $\frac{4}{5}$  of block C below.

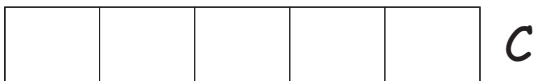
(d) Colour in  $\frac{7}{11}$  of block D below.



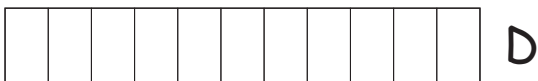
A



B



C



D

(e) Arrange these fractions in order from the smallest to the largest.

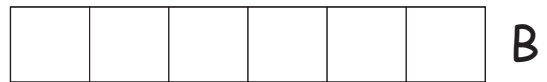
3. (a) Colour in  $\frac{1}{3}$  of block A below.

(b) Colour in  $\frac{2}{6}$  of block B below.

(c) Colour in  $\frac{3}{9}$  of block C below.



A



B



C

(d) What can you say about these three fractions.

(e) Write another fraction that is equivalent to  $\frac{1}{3}$ .

4. Write two fractions that are equivalent to  $\frac{1}{2}$ .

5. Complete the following sentence by filling in the gap.

One-half = \_\_\_\_\_ quarters

6. Arrange the following numbers in order from the smallest to the largest.

$\frac{2}{3}$	$1\frac{3}{5}$	$\frac{1}{4}$	$1\frac{1}{3}$	$\frac{1}{2}$
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7. Connect the fractions that are equal. (One is already done)

$\frac{1}{2}$	•	$1\frac{2}{5}$
$\frac{7}{5}$	•	$\frac{5}{2}$
$\frac{3}{4}$	•	$\frac{4}{5}$
$2\frac{1}{2}$	•	$\frac{2}{4}$
$\frac{8}{10}$	•	$\frac{3}{2}$
$1\frac{1}{2}$	•	$\frac{6}{8}$
$\frac{7}{4}$	•	$1\frac{3}{4}$

8. Complete the following patterns.

- (a)  $\frac{1}{2}, 1, 1\frac{1}{2}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$ .
- (b)  $\frac{2}{5}, \frac{4}{5}, 1\frac{1}{5}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$ .
- (c)  $\frac{2}{3}, 1\frac{1}{3}, 2, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$ .

9. Write the answers to the following problems.

(a)  $\frac{1}{3} + \frac{1}{3}$

(b)  $\frac{1}{5} + \frac{2}{5}$

(c)  $\frac{3}{7} + \frac{2}{7}$

(d)  $\frac{1}{4} + \frac{3}{4}$

10.  $2\frac{3}{5} + 3\frac{4}{5}$

11. Jacqui used a  $1\frac{1}{2}$  litre jug to fill her fish bowl.

The fish bowl holds 30 litres.

How many jugs full of water will Jacqui need to fill the fish bowl?




12. Nathan owned several hens. His hens were sitting on 20 eggs.

Three-quarters of the eggs hatched.

Of the chickens that hatched two-thirds were white and the others were brown.

How many brown chickens were there?

