

TUESDAY 9<sup>TH</sup> JUNE

Y6 CONTINUE WITH WK.4 LESSON 3. WATCH THE VIDEO AGAIN FROM YESTERDAY IF YOU NEED A REFRESHER THEN MOVE TO WORKSHEET BELOW (continuing from h):



4 Work out the divisions.

a)  $\frac{1}{5} \div 7 = \square$

f)  $\square = \frac{5}{6} \div 12$

b)  $\square = \frac{1}{6} \div 3$

g)  $\frac{8}{3} \div 7 = \square$

c)  $\frac{1}{4} \div 9 = \square$

h)  $\square = \frac{19}{20} \div 5$

d)  $\square = \frac{1}{7} \div 6$

i)  $\frac{1}{100} \div 25 = \square$

e)  $\frac{4}{9} \div 7 = \square$

j)  $\square = \frac{45}{50} \div 20$

5 Write <, > or = to complete each statement.

a)  $\frac{1}{3} \div 5 \bigcirc \frac{1}{5} \div 3$

b)  $\frac{1}{3} \div 3 \bigcirc \frac{1}{5} \div 5$

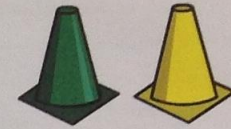
c)  $\frac{3}{5} \div 5 \bigcirc \frac{3}{5} \div 3$

Y6 wk 4 L 3 b

6 There are some cones in the PE shed.

Classes 1, 2 and 3 share them equally.

- Class 1 put theirs into 4 equal piles.
- Class 2 put theirs into 5 equal piles.
- Class 3 put theirs into 11 equal piles.



What fraction of the whole number of cones is in each pile?

	Fraction in each pile
Class 1	
Class 2	
Class 3	

7 a) Which of these statements are true? Tick your answers.

$\frac{1}{2} \div 2$  is equal to  $\frac{1}{2} \times \frac{1}{2}$

$\frac{1}{2} \div 4 = \frac{1}{2} \times \frac{1}{4}$

$\frac{1}{2} \div 3 = \frac{1}{2} \times \frac{1}{3}$

$\frac{1}{2} \div 5 = \frac{1}{2} \times \frac{1}{5}$

b) What do you notice?

Is it only true for halves?

Does it work for non-unit fractions?

Talk to a partner.

4 Work out the divisions.

a)  $\frac{1}{5} \div 7 = \frac{1}{35}$

f)  $\frac{5}{72} = \frac{5}{6} \div 12$

b)  $\frac{1}{18} = \frac{1}{6} \div 3$

g)  $\frac{8}{3} \div 7 = \frac{8}{21}$

c)  $\frac{1}{4} \div 9 = \frac{1}{36}$

h)  $\frac{19}{100} = \frac{19}{20} \div 5$

d)  $\frac{1}{62} = \frac{1}{7} \div 6$

i)  $\frac{1}{100} \div 25 = \frac{1}{2500}$

e)  $\frac{4}{9} \div 7 = \frac{4}{63}$

j)  $\frac{9}{200} = \frac{45}{50} \div 20$

5 Write <, > or = to complete each statement.

a)  $\frac{1}{3} \div 5 = \frac{1}{5} \div 3$

b)  $\frac{1}{3} \div 3 > \frac{1}{5} \div 5$

c)  $\frac{3}{5} \div 5 < \frac{3}{5} \div 3$

6 There are some cones in the PE shed.

Classes 1, 2 and 3 share them equally.

- Class 1 put theirs into 4 equal piles.
- Class 2 put theirs into 5 equal piles.
- Class 3 put theirs into 11 equal piles.



What fraction of the whole number of cones is in each pile?

	Fraction in each pile
Class 1	$\frac{1}{12}$
Class 2	$\frac{1}{15}$
Class 3	$\frac{1}{33}$

7 a) Which of these statements are true? Tick your answers.

$\frac{1}{2} \div 2$  is equal to  $\frac{1}{2} \times \frac{1}{2}$

$\frac{1}{2} \div 4 = \frac{1}{2} \times \frac{1}{4}$

$\frac{1}{2} \div 3 = \frac{1}{2} \times \frac{1}{3}$

$\frac{1}{2} \div 5 = \frac{1}{2} \times \frac{1}{5}$

b) What do you notice?

Is it only true for halves?

Does it work for non-unit fractions?

Talk to a partner.

