

# Fractions - simplification and equivalency

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

Mark \_\_\_\_\_ / 8 \_\_\_\_\_ %

1) Find the missing number [2]

a)  $\frac{2}{?} = \frac{18}{63}$

b)  $\frac{15}{40} = \frac{?}{64}$

2) Complete the table [1]

<b>Fraction</b>	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{10}$
<b>Equivalent Fraction</b>	$\frac{2}{4}$		

3) Complete the table [1]

<b>Fraction</b>	$\frac{9}{10}$	$\frac{4}{5}$	$\frac{1}{10}$
<b>Equivalent Fraction</b>			

4) Complete the table [1]

<b>Fraction</b>	$\frac{3}{25}$	$\frac{33}{100}$	$\frac{7}{8}$
<b>Equivalent Fraction</b>			

5) Write the fraction in its lowest terms

[2]

a)  $\frac{3}{9}$

b)  $\frac{32}{88}$

6) Write the fraction in its lowest terms, leaving your answer as an improper fraction

[1]

$\frac{72}{54}$

## Solutions for the assessment Fractions - simplification and equivalency

1) a) 7

b) 24

2) e.g.  $\frac{6}{8}, \frac{2}{20}$

3) e.g.  $\frac{18}{20}, \frac{8}{10}, \frac{2}{20}$

4) e.g.  $\frac{6}{50}, \frac{66}{200}, \frac{14}{16}$

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

b)  $\frac{4}{11}$

6)  $\frac{4}{3}$