# **Fractions - simplification and equivalency**

Name:	Class:	Date:		
		Mark	/ 8	%

## 1) Find the missing number

a) 
$$\frac{2}{?} = \frac{18}{63}$$
  
b)  $\frac{15}{40} = \frac{?}{64}$ 

## **2**) Complete the table

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

### **3**) Complete the table

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

## 4) Complete the table

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

[1]

[2]

[1]

[1]

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5) Write the fraction in its lowest terms

a)  $\frac{3}{9}$ b)  $\frac{32}{88}$ 

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

[2]

[1]

 $\frac{72}{54}$ 

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Solutions for the assessment Fractions - simplification and equivalency

<b>1</b> ) a) 7	b) 24
<b>2</b> ) e.g. $\frac{6}{8}, \frac{2}{20}$	<b>3</b> ) e.g. $\frac{18}{20}$ , $\frac{8}{10}$ , $\frac{2}{20}$
<b>4</b> ) e.g. $\frac{6}{50}$ , $\frac{66}{200}$ , $\frac{14}{16}$	
<b>5)</b> a) $\frac{1}{3}$	b) $\frac{4}{11}$
<b>6</b> ) $\frac{4}{3}$	

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