Fractions - simplification and equivalency

Name:	Class:	Date:

Mark	/ 8	%

1) Find the missing number [2]

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

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

2) Complete the table [1]

Fraction	$\dfrac{1}{2}$	$\dfrac{3}{4}$	$\dfrac{1}{10}$
Equivalent Fraction	$\dfrac{2}{4}$		

3) Complete the table [1]

Fraction	$\dfrac{9}{10}$	$\dfrac{4}{5}$	$\dfrac{1}{10}$
Equivalent Fraction			

4) Complete the table [1]

Fraction	$\dfrac{3}{25}$	$\dfrac{33}{100}$	$\dfrac{7}{8}$
Equivalent Fraction			

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) $\frac{4}{3}$