

Name \_\_\_\_\_

Class \_\_\_\_\_

Date \_\_\_\_\_

## Worksheet on Simplifying Fractions

### Question 1

Complete these equivalent fractions.

a

$$\frac{1}{2} = \frac{\square}{\square}$$

$\times 3$        $\times 3$

b

$$\frac{5}{6} = \frac{\square}{\square}$$

$\times 4$        $\times 4$

c

$$\frac{6}{10} = \frac{\square}{\square}$$

$\div 2$        $\div 2$

d

$$\frac{20}{25} = \frac{\square}{\square}$$

$\div 5$        $\div 5$

### Question 2

Simplify these fractions.

a

$$\frac{30}{40} = \frac{\square}{\square}$$

$\div 10$        $\div 10$

b

$$\frac{20}{50} = \frac{\square}{\square}$$

c

$$\frac{25}{30} = \frac{\square}{\square}$$

$\div 5$        $\div 5$

d

$$\frac{20}{55} = \frac{\square}{\square}$$

### Question 3

Write each fraction in its simplest form.

a  $\frac{10}{12}$  ..... b  $\frac{5}{20}$  .....

c  $\frac{12}{20}$  ..... d  $\frac{60}{100}$  .....

### Question 4

Write these improper fractions as mixed numbers.

a  $\frac{4}{3}$  ..... b  $\frac{14}{5}$  .....

c  $\frac{17}{6}$  ..... d  $\frac{13}{8}$  .....