

## **Fractions:**

**Multiply and divide with improper fractions.**

## **Independent Task**



## Question 1

Complete the calculations, giving each answer either as a proper fraction in its simplest form or as a mixed number.

$$1) \frac{5}{4} \times \frac{3}{2}$$

$$2) \frac{7}{6} \times \frac{4}{3}$$

$$3) \frac{8}{5} \times \frac{9}{7}$$

$$4) 1\frac{3}{4} \times 2\frac{1}{2}$$

$$5) 3\frac{1}{6} \times 1\frac{1}{3}$$

$$6) 2\frac{4}{5} \times 3\frac{1}{7}$$



## Question 2

Complete the calculations, giving each answer either as a proper fraction in its simplest form or as a mixed number.

$$1) \frac{5}{4} \div 2$$

$$2) \frac{7}{6} \div 5$$

$$3) \frac{8}{5} \div 3$$

$$4) 1\frac{3}{4} \div 2$$

$$5) 3\frac{1}{6} \div 3$$

$$6) 2\frac{4}{5} \div 4$$

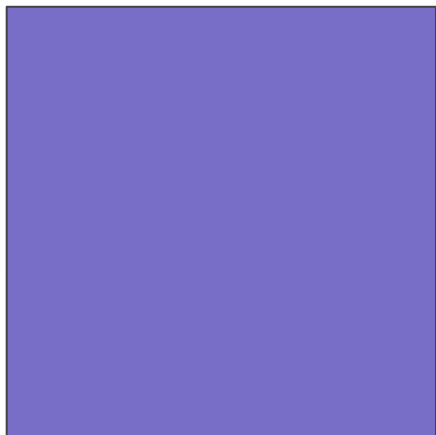


### Question 3

Find the area of each shape.

a)

$$2\frac{4}{5}\text{ m}$$



b)

$$3\frac{1}{6}\text{ m}$$

$$1\frac{3}{4}\text{ m}$$



## Question 4

Aleeyah has a pet cat, Marmalade.

Each day Marmalade eats  $1\frac{1}{4}$  cans of cat food.

How many cans of cat food should Aleeyah buy to last a week?

