

## Target 4 Sheet 02C

Question 1

Work out  $3\frac{8}{9} \times 1\frac{2}{5}$

simplifying your answer if possible.

Question 2

Solve  $4 = -2x - 3$

Question 3

In a jar of sweets, the number of red and yellow sweets are in the ratio 2:3. The number of yellow and green sweets are in the ratio 1:7.

There are 9 yellow sweets in the jar.

How many sweets are in the jar?

Question 4

Does  $\left(\frac{1}{2}, \frac{7}{4}\right)$  lie on the curve  $y = 7x^2$ ?

## Target 4 Sheet 02C

Question 1

Work out  $3\frac{8}{9} \times 1\frac{2}{5}$   
simplifying your answer if  
possible.

$$5\frac{4}{9}$$

Question 3

In a jar of sweets, the number of red and yellow sweets are in the ratio 2:3. The number of yellow and green sweets are in the ratio 1:7.

There are 9 yellow sweets in the jar.

How many sweets are in the jar?

$$78$$

Question 2

Solve  $4 = -2x - 3$

$$x = -\frac{7}{2}$$

Question 4

Does  $\left(\frac{1}{2}, \frac{7}{4}\right)$  lie on the curve  
 $y = 7x^2$ ?

Yes