

Starter

1. Simplify the following expressions:

a. $3e + 5y - 2e + 9y$

b. $5 - 3u + 9j - 5u + 3j - 4$

2. Calculate the area of the rectangle.



3. Solve the following:

a. $3r - 5 = 16$

b. $8u + 4 = 44$

c. $55 = 6k - 11$

4. Convert the following measurements into centimetres (cm):

a. 3m

b. 4.2km

c. 12mm

Starter

1. Round the following to 2 decimal places:

a. 3.792

b. 32.0579

c. 99.9999

2. Calculate the perimeter of the rectangle.



9.78m

27.19m

3. Calculate:

a. 25% of £416

b. 20% of 610g

c. 70% of 860cm

4. Evaluate the following where $p = 3$, $q = -1$ and $r = 8$:

a. pq

b. $r^2 - 3q$

c. $(r - q)^2 + rp$

Starter

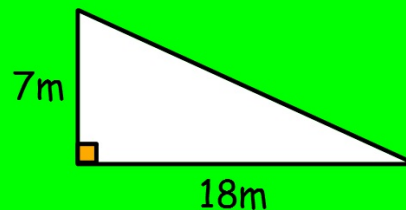
1. Write the following as improper fractions:

a. $4\frac{1}{3}$

b. $3\frac{5}{7}$

c. $6\frac{1}{9}$

2. Calculate the area of the triangle shown.



3. Calculate:

a. 30% of £560

b. 15% of £280

c. 17.5% of £360

4. Paul estimated that there were 417 jelly beans in a jar.

a. When his answer was rounded to the nearest ten, this gave the exact number of beans in the jar. How many beans were in the jar?

b. He found that $\frac{3}{7}$ of the jar were red jelly beans. How many were red?

Starter

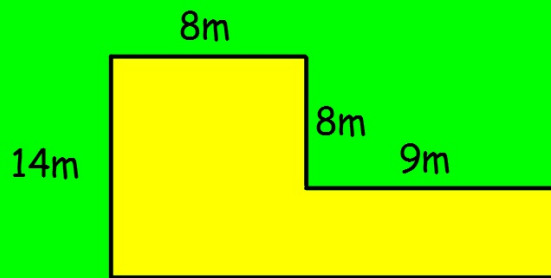
1. Calculate:

a. 6.34×3

b. $12.57 - 5.381$

c. 35.7×9

2. Calculate the area of the shape opposite.



3. Solve:

a. $5y - 6 = 49$

b. $20 - 3p = 8$

4. A section of a garden is being fenced off. The section is in the shape of an equilateral triangle with side length of 8.23m. Calculate the length of fence required for the section.

