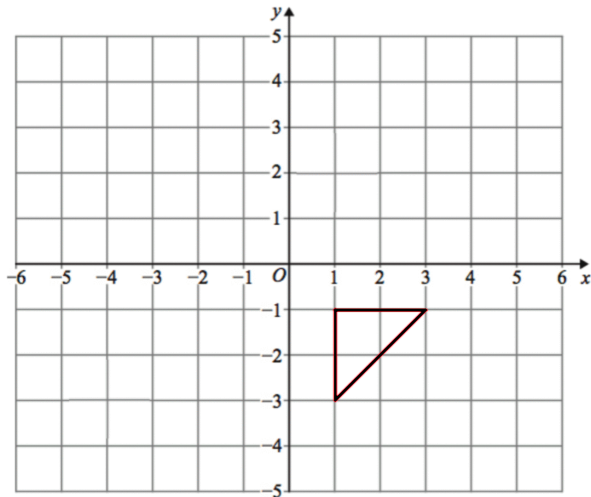




The longest side of a right angle triangle is  $\sqrt{46}$ cm

One of the shorter sides has a length of  $\sqrt{7}$ cm

What is the perimeter of the triangle?



Shown is a triangle with points (1, -1), (3, -1) and (1, -3)

Describe a transformation such that one vertex is invariant.

Describe a transformation such that two vertices are invariant.

The lines AB and BC are perpendicular.

The coordinates of point A are (-18, -13)

The coordinates of point B are (2, -3)

The coordinates of point C are (p, q)

Work out one possible pair of integer values for p and q

$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16\}$

A = prime numbers

B = factors of 28

Complete the Venn diagram and find the probability of B given A.

