

BC is 16cm.
AC is 12cm.

Find the area of the circle.

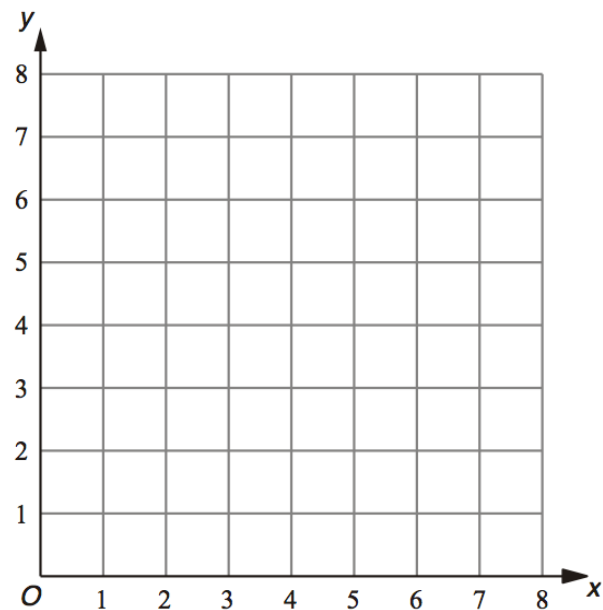
A region R satisfies the inequalities

$$x + y \leq 7$$

$$x > 2$$

$$y \leq 3$$

Show this region on the grid.



Harper rolls an ordinary 6 sided dice three times.

What is the probability she gets exactly one 6?

A helicopter leaves Bristol and flies due east for 10 miles. Then the helicopter flies 8 miles north before landing.

Calculate the bearing of the helicopter from Bristol.