Mathematics

Solving geometric problems
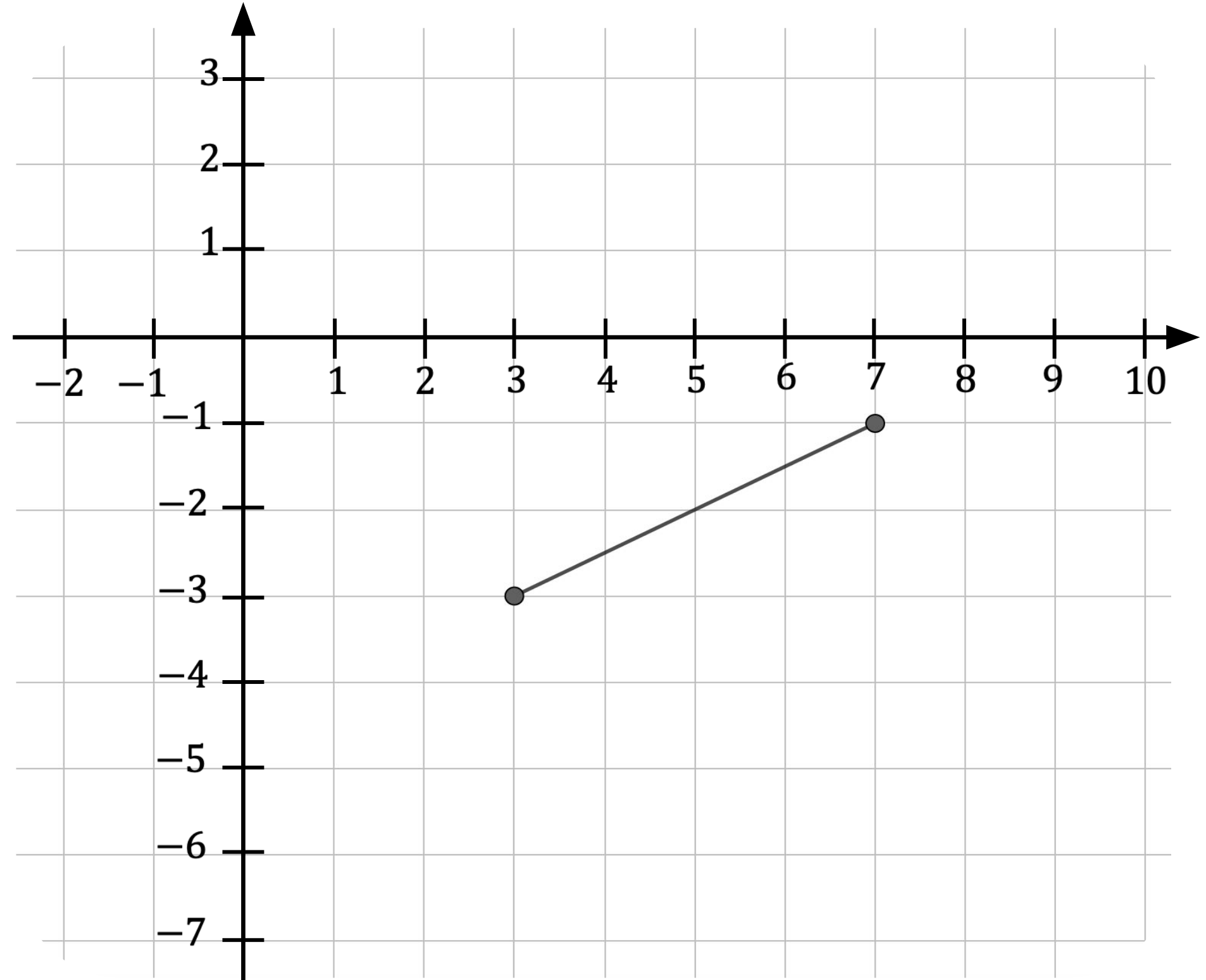# Downloadable resource
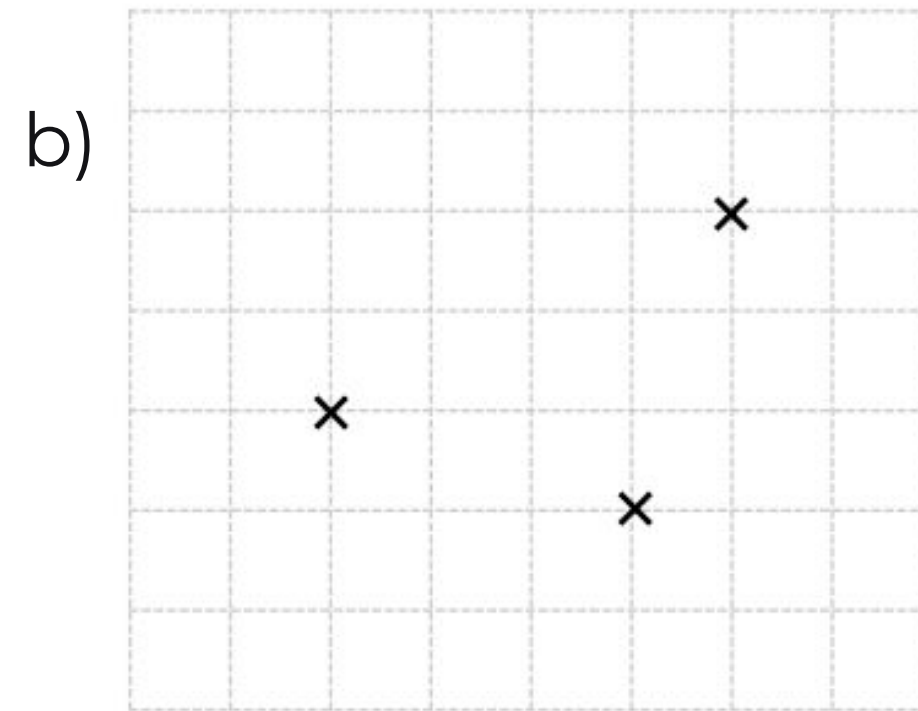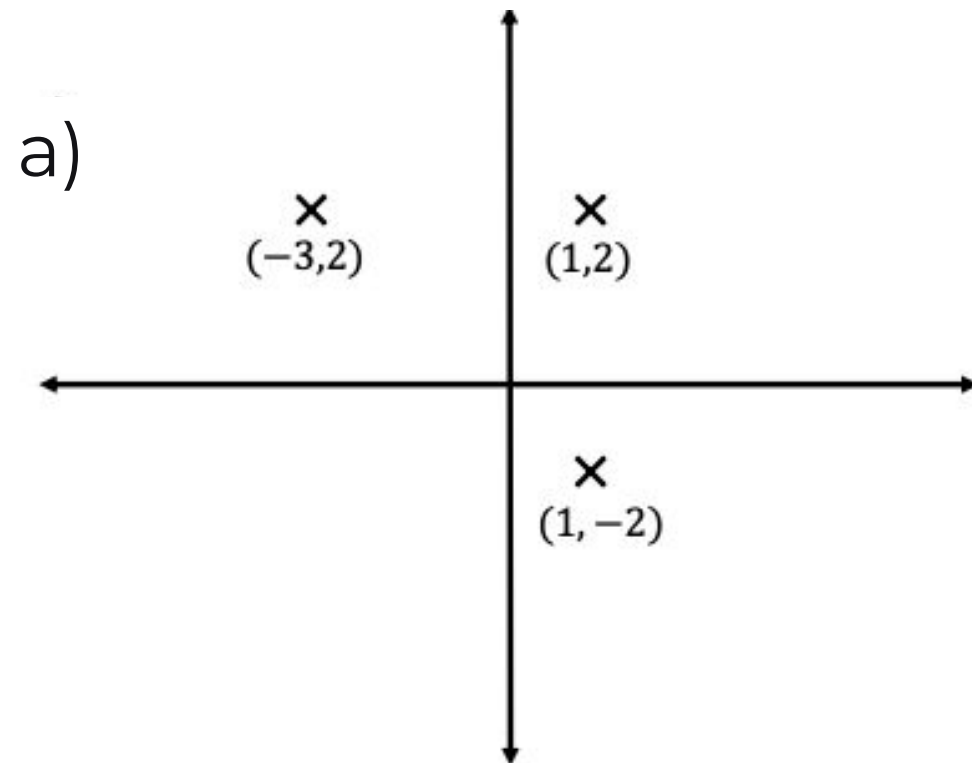# Lesson 4 of 8

Dr Rim Saada

Try this

In the diagram, one side of a square is shown.

What could the coordinates of the other vertices be?

Independent task

1) Find the coordinates of the remaining vertex for each of the squares:

a)

b)

2) Find the coordinates of the remaining vertex for each of the squares described:
a) Three of the vertices are (1,1) , (3,3) and (3,1).
b) Two of the vertices are (−2,4) and (0,2).

Explore

The large square encloses the pale grey square in the diagram below.

Find all the missing coordinates