



Unit 16

Strengthen activities

MISCONCEPTION: Children may confuse the order of coordinates when reading and writing them.

Answers

Children should have correctly plotted the points on the grid.

MISCONCEPTION: Children may translate a point and then draw the rest of the shape in the wrong place as they have not been careful with looking at the corresponding point in the new shape.

Answers

All the shape's points should be translated 5 right and 6 up.

MISCONCEPTION: When translating, some children may count the grid lines instead of counting the number of squares moved.

Answers

A to E is 5 right and 2 down, C to E is 1 left, 6 down

Deepen activities

Answers

Activity 1

Treasure maps will vary. Ensure that answers to the questions can be found from reading the coordinates on the grid.

Activity 2

There are four possibilities:

(5,1) (1,1) (1,5)

(1,5) (1,9) (5,9)

(5,9) (9,9) (9,5)

(9,5) (9,1) (5,1)

Activity 3

a) (0,7) (3,7) (4,10) (1,10)

b) Answers will vary