

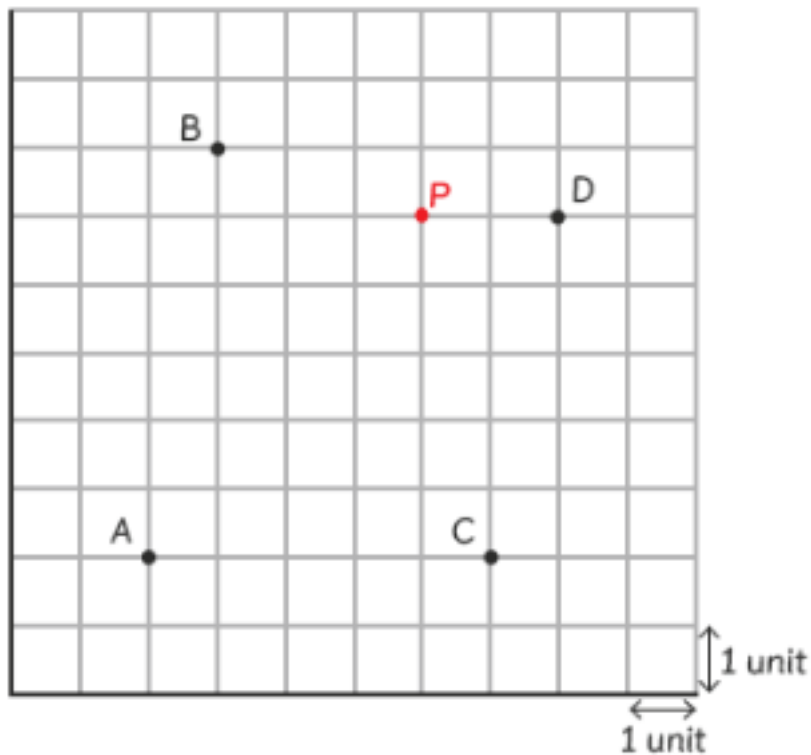
Answers.

Monday.

Worksheet 4

Describing Movements

- 1 Some points are drawn on a square grid.



Describe these movements

- (a) From Point A to Point B:

A translates unit to the right then units upwards.

- (b) From Point B to Point C:

(c) From Point D to Point A:

5 units downwards then 6 units left

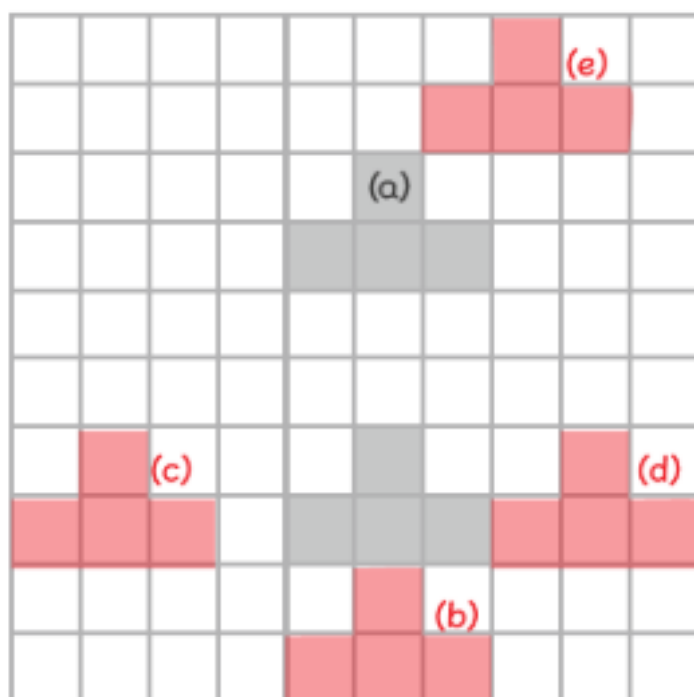
(d) From Point D to Point B:

5 units left then 1 upwards

(e) Point A translates 4 units to the right and 5 units upwards to Point P.
Plot Point P on the grid.

2 Show where  ends up at the end of each translation.

The first translation is done for you.

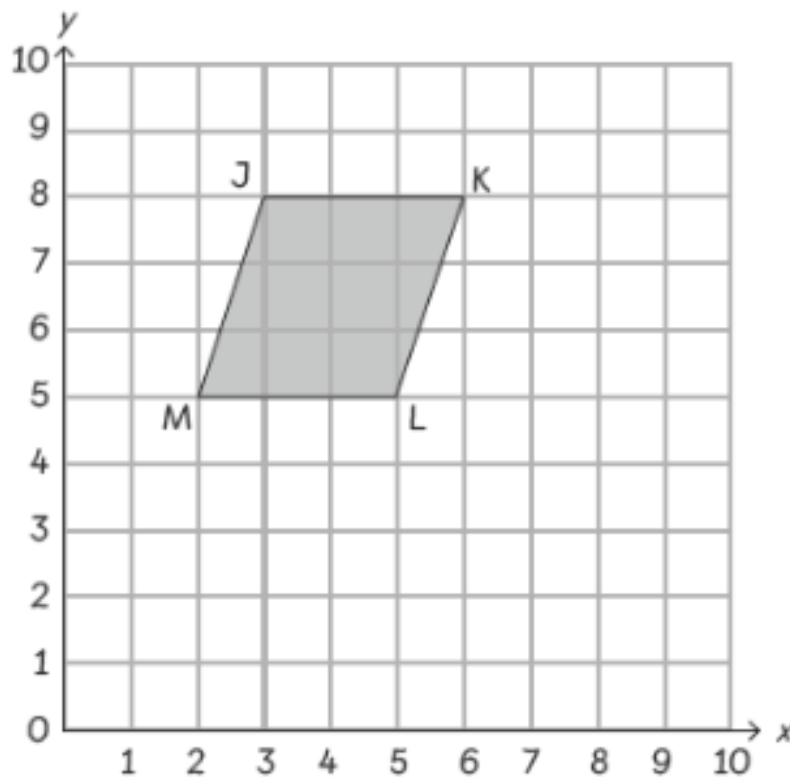


Tuesday.

Worksheet 5

Describing Movements

- 1 A parallelogram is drawn on a square grid.



Describe the translation of parallelogram JKLM that results in:

- (a) Point J moving to (4,7):

1 unit to right and 1 unit downwards

- (b) Point K moving to (10,4):

4 units right and 4 units downwards

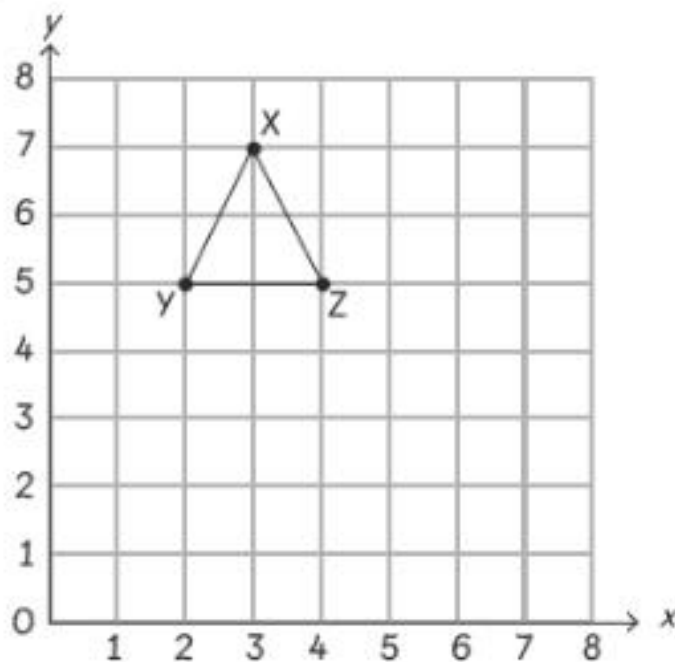
- (c) Point L moving to (10,0):

5 units right then 5 units downwards

- (d) Point M moving to (5,2):

3 units right then 3 units downwards

- 2 A triangle is drawn on a square grid.



Describe two different translations which move the triangle XYZ so that one of its vertices ends up at (6,3).

- (a)

2 units to the right then 2 units downwards

- (b)

4 units to the right then 2 units downwards OR
3 units to the right then 4 units downwards