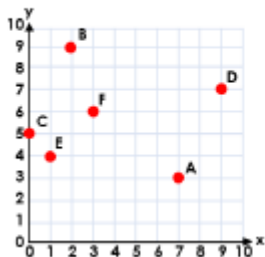


Maths answers- 6.7.20

Monday

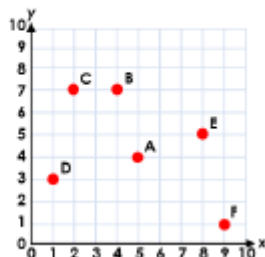
4a. B and E are correct. A = (7, 6);
C = (1, 2); D = (3, 4); F = (9, 7)

6a. A = (7, 3), D = (9, 7) and F = (3, 6)
The completed grid should look like this:



4b. A, B and F are correct. C = (6, 4);
D = (9, 3); E = (3, 1)

6b. B = (4, 7), D = (1, 3) and E = (8, 5)
The completed grid should look like this:



Challenge

Arjun is incorrect.
The x axis must be
plotted before the
y axis. Children
prove this by
plotting a pair of
co-ordinates both
ways and showing
the difference.

Tuesday

Polygon 1- triangle

Polygon 2- square

Polygon 3-rectangle

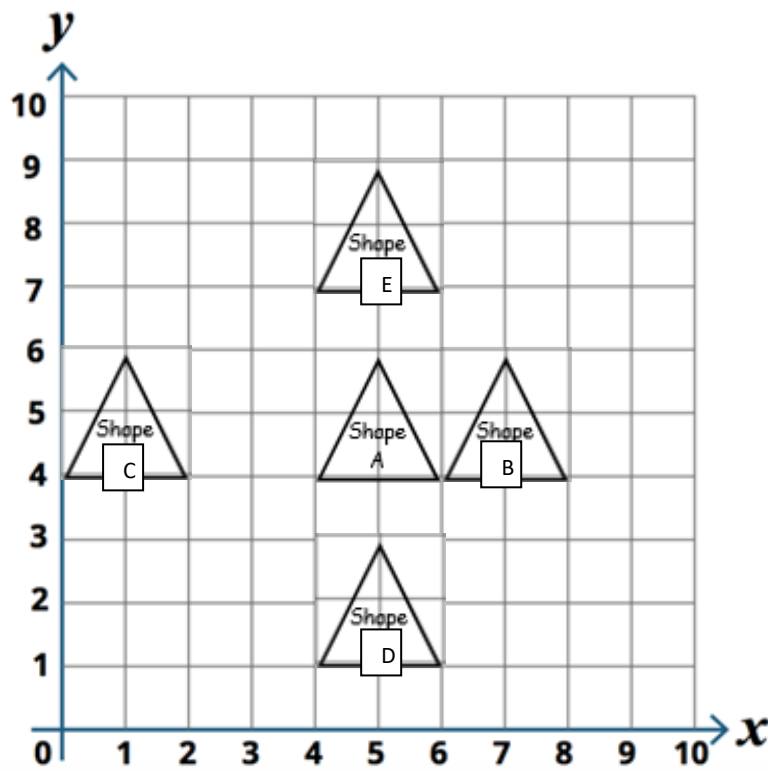
Polygon 4-right angle triangle

Polygon 5-pentagon

Challenge

Sometimes.
If points are plotted
in a straight line
they will not create
a vertex.

Wednesday

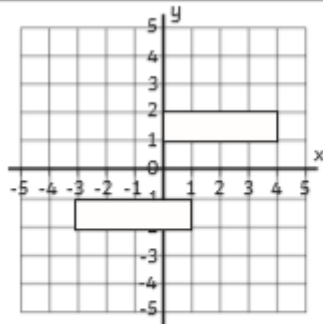


- | | |
|--|-------------------|
| 1. Translate shape A, 2 squares right. | Label it shape B. |
| 2. Translate shape A, 4 squares left. | Label it shape C. |
| 3. Translate shape A, 3 squares down. | Label it shape D. |
| 4. Translate shape A, 3 squares up. | Label it shape E. |

Challenge:

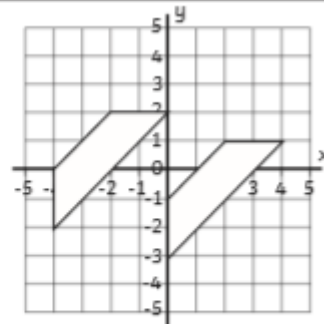
Justin has counted one move to the right when he has not moved anywhere yet. He has done the same for one move up when he has not moved up one space yet.

Thursday

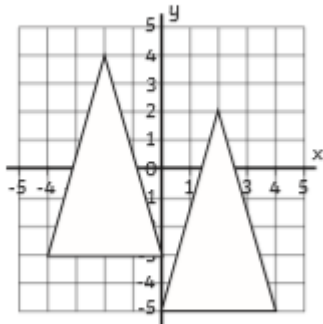


What are the co-ordinates of the new shape? **(0, 1), (4, 1), (4, 2), (0, 2)**

What are the co-ordinates of the new shape? **(0, 1), (4, 1), (4, 2), (0, 2)**



What are the co-ordinates of the new shape? **(-2, 2), (0, 2), (-4, -2), (-4, 0)**



What are the co-ordinates of the new shape? **(2, 2), (0, -5), (4, -5)**

Challenge:

Some possible answers:
(0,1) (1,0)
(0,2) (2,0)
(0,3) (3,0)
(0,5) (5,0)