



- 1) Coordinate B is (2,3). What are the missing coordinates A and C?
- 2) What are the coordinates for each point of the red square?
- 3) What about the coordinates for the yellow trapezium?
- 4) Coordinate E is (-2,5). What are the missing coordinates for the blue triangle?
- 5) What are the coordinates for each point on the green kite?
- 6) If coordinate G is (-3,-1), what are the missing coordinates for the orange square?
- 7) Name the coordinates for each point of the rhombus in the third quadrant.
- 8) True or false: the translation of the blue triangle to the pink triangle is "2 down, 4 across".
- 9) What is the translation from the yellow to red rhombus? How do you know?

Answers

- 1) $A = (1,1)$ $C = (3,1)$
- 2) Red square = $(5,3)$ $(7,3)$ $(5,5)$ $(7,5)$
- 3) Yellow trapezium = $(2,-5)$ $(3,-5)$ $(1,-7)$ $(4,-7)$
- 4) $D = (-3, 3)$ $F = (1, 3)$
- 5) $(-6, 4)$ $(-6, 1)$ $(-5, 3)$ $(-7, 3)$
- 6) $(-1, -1)$ $(-1, -3)$ $(-3, -1)$ $(-3, -3)$
- 7) $(-6, -4)$ $(-4, -4)$ $(-5, -6)$ $(-7, -6)$
- 8) True/false – technically 4 right, 2 down
- 9) 9 right, 3 up