WARM-UP: Ordered Pairs

Answer the following questions in the space provided.
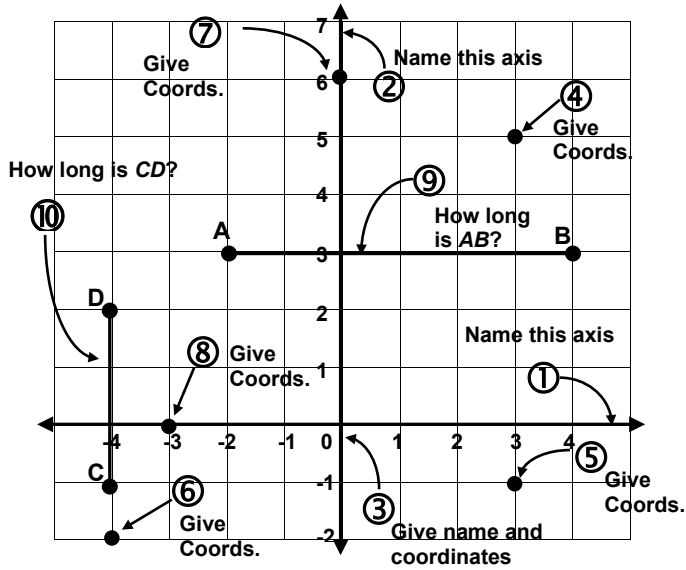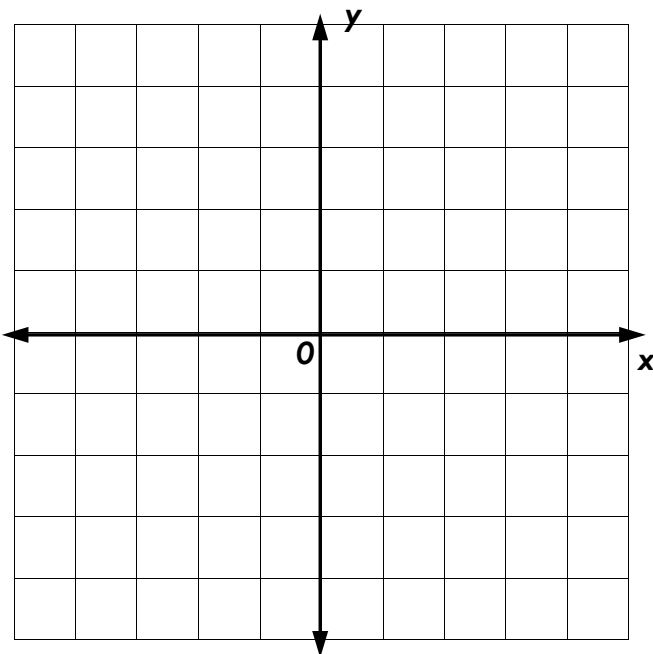
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

Plot the points below on a Cartesian xy-plane. What shapes are formed if the points are joined in the order given?

(a) (−3,1) (3, 1) (3, −1) (−3, −1) (−3, 1)

(b) (−1, −1) (0, 4) (1, −1) (−1, −1)

(c) (2, 3) (6, 3) (5, 0) (1, 0) (2, 3)

(d) (1, 3) (3, 3) (4, 1) (−2, 1) (1, 3)

(e) (−2, 0) (−1, 2) (0, 0) (−1, −2) (−2, 0)

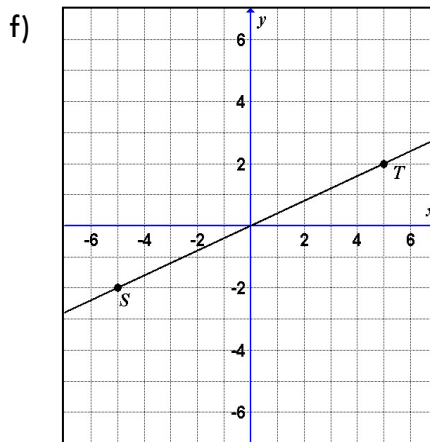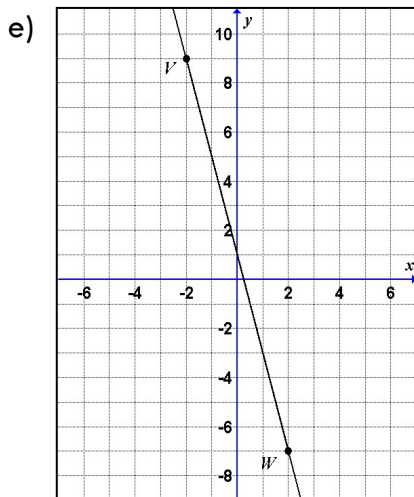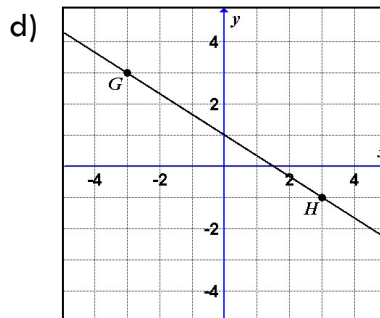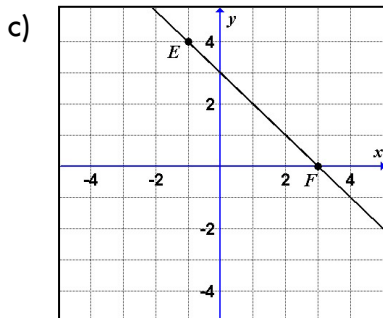|	SHAPE
(a)	
(b)	
(c)	
(d)	
(e)	

FINDING SLOPE FROM A GRAPH

For each graph,
   i)   determine the **rise** and the **run** between the pairs of points shown, and
   ii) calculate the **slope**

a)

$$m = \frac{rise}{run}$$

$$= \underline{\quad\quad}$$

$$=$$

b)

∴ the slope of
   AB is _____

c)

d)

e)

f)
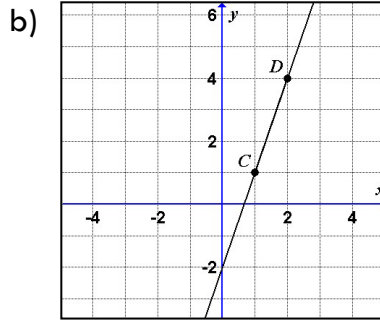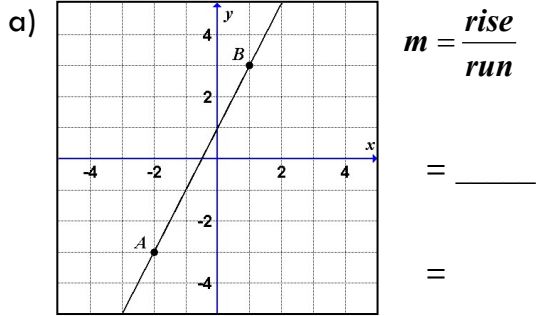
Answers: a) 2   b) 3   c) −1   d) $-\dfrac{2}{3}$ e) − 4   f) $\dfrac{2}{5}$