Coordinates
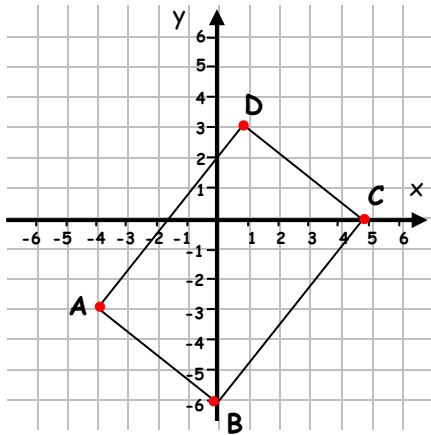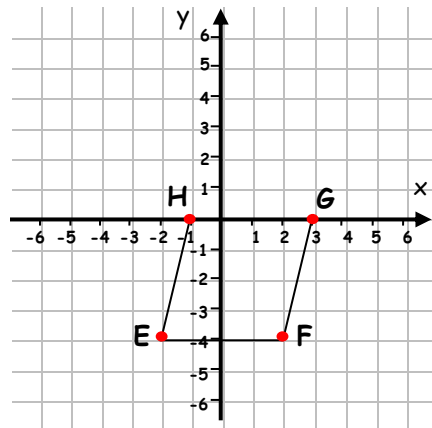**WORKSHEET#3**

1. List the coordinates of the vertices of each shape.
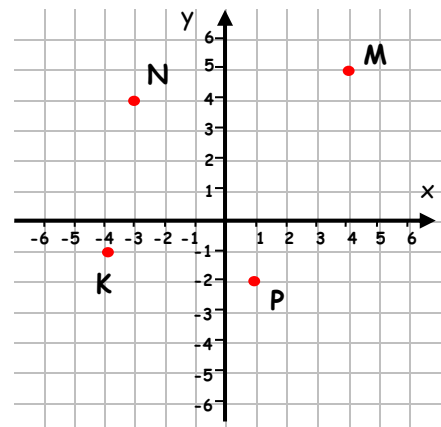
a) Rectangle ABCD

b) Rhombus EFGH

2. The points K, L, M and N form three of the vertices of a parallelogram.

a) What are the coordinates of the fourth vertex L?

b) If the points K, P, S and N form the vertices of a square, what are the coordinates of the point S?

c) What are the coordinates of the point P?

d) If we move point P one square down, can we then form a square KPSN? If yes, what are the coordinates of the fourth point? If not, why?

1.

A(-4, -3), B(0, -6), C(5, 0), D(1, 3)
E(-2, -4), F(2, -4), G(3, 0), H(-1 0)

2.

a) L(3, 0);

b) S(2, 3);

c) P(1, -2);

d) No, because the angle NKP will not be 90°.