Triangle Centroids

Name:_____ Date:_____

Given the coordinates of the three vertices of a triangle, Calculate coordinates of the centroid.

1) A(3 , 2), B(-2, -4), C(-10, 8)

Centroid at:__ ___

2) L(3 , 2), M(-2, -4), N(-4,5)

Centroid at:__ ___

3) X(3 , 2), Y(-2, -4), Z(8, 11)

Centroid at:__ ___

4) P(3 , 2), Q(-2, -4), R(5, 8)

Centroid at:__ ___

5) E(3 , 2), F(-2, -4), G(5, 5)

Centroid at:__ ___

6) H(3 , 2), I(-2, -4), J(8, -4)

Centroid at:__ ___

7) K(3 , 2), L(-2, -4), M(-10, -4)

Centroid at:__ ___

8) A(3 , 2), B(-2, -4), C(-13, 5)

Centroid at:__ ___

9) X(3 , 2), Y(-2, -4), Z(-7, 2)

Centroid at:__ ___

10) P(3 , 2), Q(-2, -4), R(5, 2)

Centroid at:__ ___

11) O(3 , 2), P(-2, -4), Q(14, 17)

Centroid at:__ ___

12) L(3 , 2), M(-2, -4), N(17, -7)

Centroid at:__ ___

Triangle Centroids

Name:_____ Date:_____

Given the coordinates of the three vertices of a triangle, Calculate coordinates of the centroid.

1) A(3 , 2), B(-2, -4), C(-10, 8)

Centroid at: (-3, 2)

2) L(3 , 2), M(-2, -4), N(-4,5)

Centroid at: (-1, 1)

3) X(3 , 2), Y(-2, -4), Z(8, 11)

Centroid at: (3, 3)

4) P(3 , 2), Q(-2, -4), R(5, 8)

Centroid at: (2, 2)

5) E(3 , 2), F(-2, -4), G(5, 5)

Centroid at: (2, 1)

6) H(3 , 2), I(-2, -4), J(8, -4)

Centroid at: (3, -2)

7) K(3 , 2), L(-2, -4), M(-10, -4)

Centroid at: (-3, -2)

8) A(3 , 2), B(-2, -4), C(-13, 5)

Centroid at: (-4, 1)

9) X(3 , 2), Y(-2, -4), Z(-7, 2)

Centroid at: (-2, 0)

10) P(3 , 2), Q(-2, -4), R(5, 2)

Centroid at: (2, 0)

11) O(3 , 2), P(-2, -4), Q(14, 17)

Centroid at: (5, 5)

12) L(3 , 2), M(-2, -4), N(17, -7)

Centroid at: (6, -3)