

Triangle Centroids

Name: _____

Date: _____

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

1) A(1 , 1), B(5, 6), C(3, -1)

Centroid at: ____

2) L(1 , 1), M(5, 6), N(6,5)

Centroid at: ____

3) X(1 , 1), Y(5, 6), Z(9, 11)

Centroid at: ____

4) P(1 , 1), Q(5, 6), R(3, 11)

Centroid at: ____

5) E(1 , 1), F(5, 6), G(-9, -10)

Centroid at: ____

6) H(1 , 1), I(5, 6), J(-12, -4)

Centroid at: ____

7) K(1 , 1), L(5, 6), M(12, -7)

Centroid at: ____

8) A(1 , 1), B(5, 6), C(-12, 5)

Centroid at: ____

9) X(1 , 1), Y(5, 6), Z(-6, 2)

Centroid at: ____

10) P(1 , 1), Q(5, 6), R(3,2)

Centroid at: ____

11) O(1 , 1), P(5, 6), Q(12, 17)

Centroid at: ____

12) L(1 , 1), M(5, 6), N(15, 11)

Centroid at: ____

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Name: _____

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

1) A(1, 1), B(5, 6), C(3, -1)

Centroid at: (3, 2)

2) L(1, 1), M(5, 6), N(6, 5)

Centroid at: (4, 4)

3) X(1, 1), Y(5, 6), Z(9, 11)

Centroid at: (5, 6)

4) P(1, 1), Q(5, 6), R(3, 11)

Centroid at: (3, 6)

5) E(1, 1), F(5, 6), G(-9, -10)

Centroid at: (-1, -1)

6) H(1, 1), I(5, 6), J(-12, -4)

Centroid at: (-2, 1)

7) K(1, 1), L(5, 6), M(12, -7)

Centroid at: (6, 0)

8) A(1, 1), B(5, 6), C(-12, 5)

Centroid at: (-2, 4)

9) X(1, 1), Y(5, 6), Z(-6, 2)

Centroid at: (0, 3)

10) P(1, 1), Q(5, 6), R(3, 2)

Centroid at: (3, 3)

11) O(1, 1), P(5, 6), Q(12, 17)

Centroid at: (6, 8)

12) L(1, 1), M(5, 6), N(15, 11)

Centroid at: (7, 6)