

# Triangle Centroids

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

1) A(5, 5), B(8, -8), C(5, 9)

Centroid at: (6, 2)

2) X(5, 5), Y(8, -8), Z(17, 15)

Centroid at: \_\_\_\_\_

3) B(5, 5), C(8, -8), D(2, 3)

Centroid at: \_\_\_\_\_

4) P(5, 5), Q(8, -8), R(23, 27)

Centroid at: \_\_\_\_\_

5) X(5, 5), Y(8, -8), Z(2, 12)

Centroid at: \_\_\_\_\_

6) B(5, 5), O(8, -8), D(23, 36)

Centroid at: \_\_\_\_\_

7) A(5, 5), O(8, -8), B(5, 15)

Centroid at: \_\_\_\_\_

8) X(5, 5), Y(8, -8), Z(20, 30)

Centroid at: \_\_\_\_\_

9) P(5, 5), Q(8, -8), R(8, 18)

Centroid at: \_\_\_\_\_

10) A(5, 5), B(8, -8), C(11, 30)

Centroid at: \_\_\_\_\_

11) M(5, 5), O(8, -8), N(2, 18)

Centroid at: \_\_\_\_\_

12) P(5, 5), Q(8, -8), R(14, 27)

Centroid at: \_\_\_\_\_

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Date: \_\_\_\_\_

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

1) A(5, 5), B(8, -8), C(5, 9)

Centroid at: (6, 2)

2) X(5, 5), Y(8, -8), Z(17, 15)

Centroid at: (10, 4)

3) B(5, 5), C(8, -8), D(2, 3)

Centroid at: (5, 0)

4) P(5, 5), Q(8, -8), R(23, 27)

Centroid at: (12, 8)

5) X(5, 5), Y(8, -8), Z(2, 12)

Centroid at: (5, 3)

6) B(5, 5), O(8, -8), D(23, 36)

Centroid at: (12, 11)

7) A(5, 5), O(8, -8), B(5, 15)

Centroid at: (6, 4)

8) X(5, 5), Y(8, -8), Z(20, 30)

Centroid at: (11, 9)

9) P(5, 5), Q(8, -8), R(8, 18)

Centroid at: (7, 5)

10) A(5, 5), B(8, -8), C(11, 30)

Centroid at: (8, 9)

11) M(5, 5), O(8, -8), N(2, 18)

Centroid at: (5, 5)

12) P(5, 5), Q(8, -8), R(14, 27)

Centroid at: (9, 8)