

Triangle Centroids

Name: _____

Date: _____

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

1) $A(0, 3), B(-1, 3), C(4, 9)$

Centroid at: _____

2) $X(0, 3), Y(-1, 3), Z(7, 15)$

Centroid at: _____

3) $B(0, 3), C(-1, 3), D(-5, 3)$

Centroid at: _____

4) $P(0, 3), Q(-1, 3), R(13, 27)$

Centroid at: _____

5) $X(0, 3), Y(-1, 3), Z(-11, -3)$

Centroid at: _____

6) $B(0, 3), O(-1, 3), D(-23, -36)$

Centroid at: _____

7) $A(0, 3), O(-1, 3), B(-5, 15)$

Centroid at: _____

8) $X(0, 3), Y(-1, 3), Z(-20, -15)$

Centroid at: _____

9) $P(0, 3), Q(-1, 3), R(-8, -18)$

Centroid at: _____

10) $A(0, 3), B(-1, 3), C(-11, 30)$

Centroid at: _____

11) $M(0, 3), O(-1, 3), N(-2, 18)$

Centroid at: _____

12) $P(0, 3), Q(-1, 3), R(19, -12)$

Centroid at: _____

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Name: _____

Date: _____

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

1) $A(0, 3), B(-1, 3), C(4, 9)$

Centroid at: $(\underline{1}, \underline{5})$

2) $X(0, 3), Y(-1, 3), Z(7, 15)$

Centroid at: $(\underline{2}, \underline{7})$

3) $B(0, 3), C(-1, 3), D(-5, 3)$

Centroid at: $(\underline{-2}, \underline{3})$

4) $P(0, 3), Q(-1, 3), R(13, 27)$

Centroid at: $(\underline{4}, \underline{11})$

5) $X(0, 3), Y(-1, 3), Z(-11, -3)$

Centroid at: $(\underline{-4}, \underline{1})$

6) $B(0, 3), O(-1, 3), D(-23, -36)$

Centroid at: $(\underline{-8}, \underline{-10})$

7) $A(0, 3), O(-1, 3), B(-5, 15)$

Centroid at: $(\underline{-2}, \underline{7})$

8) $X(0, 3), Y(-1, 3), Z(-20, -15)$

Centroid at: $(\underline{-7}, \underline{-3})$

9) $P(0, 3), Q(-1, 3), R(-8, -18)$

Centroid at: $(\underline{-3}, \underline{-4})$

10) $A(0, 3), B(-1, 3), C(-11, 30)$

Centroid at: $(\underline{-4}, \underline{12})$

11) $M(0, 3), O(-1, 3), N(-2, 18)$

Centroid at: $(\underline{-1}, \underline{8})$

12) $P(0, 3), Q(-1, 3), R(19, -12)$

Centroid at: $(\underline{6}, \underline{-2})$