

Equation of a Median

- 1) $C(-13, -8)$ and $D(-11, 5)$ are the vertices of $\triangle CDE$. Determine the equation of the median \overline{EF} , if its slope is $-\frac{5}{2}$.

- 2) If $P(-6, -3)$, $Q(-2, -7)$ and $R(-6, -11)$ are the vertices of $\triangle PQR$, find the equation of the median \overline{RS} .

- 3) $K(0, 7)$ and $L(-2, 1)$ are the vertices of $\triangle KLM$. If the slope of \overline{LM} is -1 , find the equation of the median \overline{MN} .

- 4) $A(10, 14)$, $B(5, 8)$ and $C(1, 2)$ are the vertices of $\triangle ABC$. Find the equation of the median \overline{AD} .

- 5) $T(4, -3)$ and $U(7, -9)$ are the vertices of $\triangle TUV$. If the slope of \overline{VW} is $\frac{2}{9}$, determine the equation of the median \overline{VW} .

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com

Equation of a Median

- 1) C(-13, -8) and D(-11, 5) are the vertices of $\triangle CDE$. Determine the equation of the median \overline{EF} , if its slope is $-\frac{5}{2}$.

$$\underline{5x + 2y = -63}$$

- 2) If P(-6, -3), Q(-2, -7) and R(-6, -11) are the vertices of $\triangle PQR$, find the equation of the median \overline{RS} .

$$\underline{3x - y = -7}$$

- 3) K(0, 7) and L(-2, 1) are the vertices of $\triangle KLM$. Find the equation of the median \overline{MN} .

$$\underline{x + y = 3}$$

- 4) A(10, 14), B(5, 8) and C(1, 1) are the vertices of $\triangle ABC$. Find the equation of the median \overline{AD} .

$$\underline{11x - 3y = 68}$$

- 5) T(4, -3) and U(7, -9) are the vertices of $\triangle TUV$. If the slope of \overline{VW} is $\frac{2}{9}$, determine the equation of the median \overline{VW} .

$$\underline{2x - 9y = 65}$$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please
log in to
download this
worksheet.

Not a member?
Please sign up to
gain complete
access.

www.mathworksheets4kids.com