



Length of a Median

Name _____

Score _____

MC:08

- 1) The vertices of $\triangle FGH$ are $F(8, 4)$, $G(2, 10)$ and $H(1, 6)$. What will be the length of the median \overline{HE} .

- 2) If $T(6, -3)$, $U(-1, 0)$ and $V(-2, -5)$ are the vertices of $\triangle TUV$, then find the length of the median \overline{UW} .

- 3) $\triangle BCD$ whose vertices are $B(0, 0)$, $C(-2, -3)$ and $D(-4, -1)$. Calculate the length of the median \overline{BA} .

- 4) If $L(-2, 5)$, $M(3, -5)$ and $N(1, -4)$ are the vertices of $\triangle LMN$, then what will be the length of the median \overline{NK} .

- 5) The vertices of $\triangle PRS$ are $P(3, 3)$, $R(2, 1)$ and $S(8, 9)$. Find the length of the median \overline{PQ} .



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Answer key

MC:08

- 1) The vertices of $\triangle FGH$ are $F(8, 4)$, $G(2, 10)$ and $H(1, 6)$. What will be the length of the median \overline{HE} .

$\sqrt{17}$ units

- 2) If $T(6, -3)$, $U(-1, 0)$ and $V(-2, -5)$ are the vertices of $\triangle TUV$, then find the length of the median \overline{UW} .

5 units

- 3) $\triangle BCD$ whose vertices are $B(0, 0)$, $C(-2, -3)$ and $D(-4, -1)$. Calculate the length of the median \overline{BA} .

$\sqrt{13}$ units

- 4) If $L(-2, 5)$, $M(3, -5)$ and $N(1, -4)$ are the vertices of $\triangle LMN$, then what will be the length of the median \overline{NK} .

$\frac{\sqrt{65}}{2}$ units

- 5) The vertices of $\triangle PRS$ are $P(3, 3)$, $R(2, 1)$ and $S(8, 9)$. Find the length of the median \overline{PQ} .

$2\sqrt{2}$ units
