



1-6 Midpoint and Distance in the Coordinate Plane

Lesson Quiz

1. Find the coordinates of the midpoint of \overline{MN} with endpoints $M(-2, 6)$ and $N(8, 0)$.

- K is the midpoint of \overline{HL} . H has coordinates $(1, -7)$, and K has coordinates $(9, 3)$. Find the coordinates of L .
- Find the distance, to the nearest tenth, between $S(6, 5)$ and $T(-3, -4)$.
- The coordinates of the vertices of $\triangle ABC$ are $A(2, 5)$, $B(6, -1)$, and $C(-4, -2)$. Find the perimeter of $\triangle ABC$, to the nearest tenth.
- Find the lengths of \overline{AB} and \overline{CD} and determine whether they are congruent.

