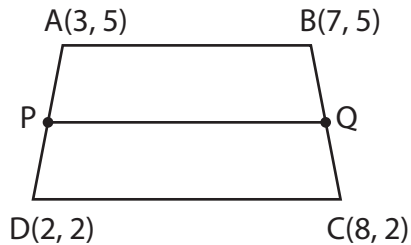


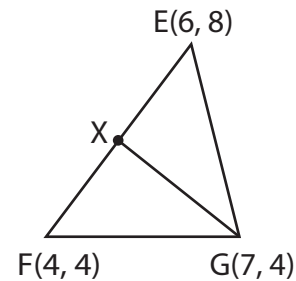
Midpoint and Distance Formula

Solve each problem. Round the answer to the nearest tenth.

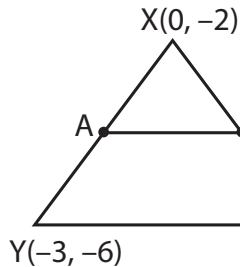
- 1) P and Q are the midpoints of \overline{AD} and \overline{BC} respectively. Find the length of \overline{PQ} .



- 2) Find the length of the median \overline{GX} .



- 3) A and B are the midpoints of \overline{XJ} and \overline{YL} respectively. Find the length of \overline{AB} .



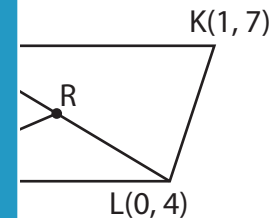
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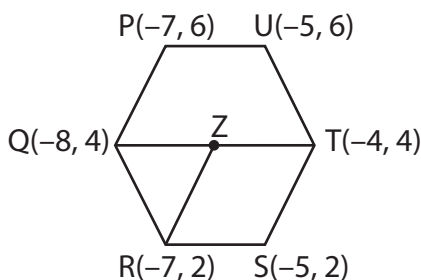
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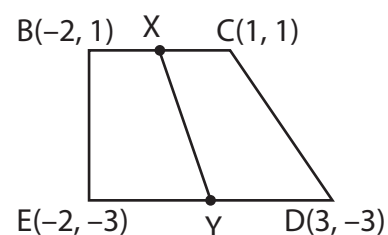
- 4) Find the length of \overline{MR} if R is the midpoint of \overline{KL} .



- 5) Z is the midpoint of \overline{PT} . Find the length of \overline{RZ} .



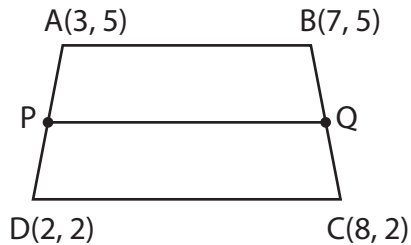
- 6) X and Y are the midpoints of \overline{BC} and \overline{ED} respectively. Find the length of \overline{XY} .



Midpoint and Distance Formula

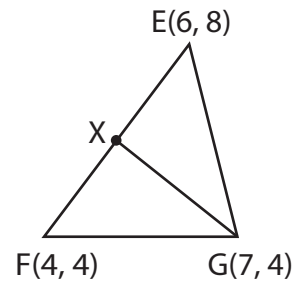
Solve each problem. Round the answer to the nearest tenth.

- 1) P and Q are the midpoints of \overline{AD} and \overline{BC} respectively. Find the length of \overline{PQ} .



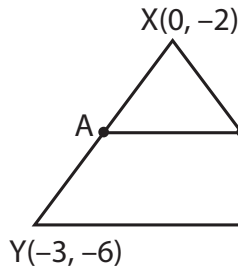
5 units

- 2) Find the length of the median \overline{GX} .



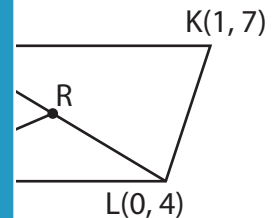
2.8 units

- 3) A and B are the midpoints of \overline{XJ} and \overline{YL} respectively. Find the length of \overline{AB} .



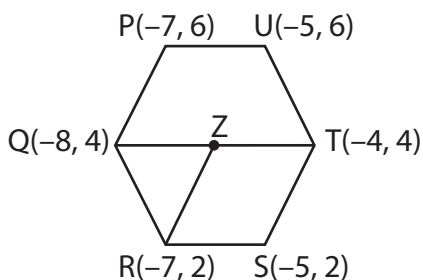
3 units

- 4) Find the length of \overline{MR} if R is the midpoint of \overline{KL} .



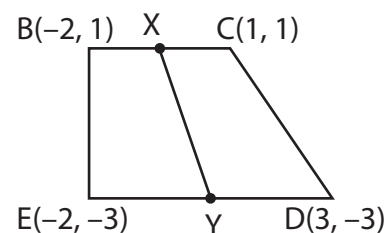
3.8 units

- 5) Z is the midpoint of \overline{PT} . Find the length of \overline{RZ} .



$\sqrt{5} \approx 2.2$ units

- 6) X and Y are the midpoints of \overline{BC} and \overline{ED} respectively. Find the length of \overline{XY} .



$\sqrt{17} \approx 4.1$ units

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