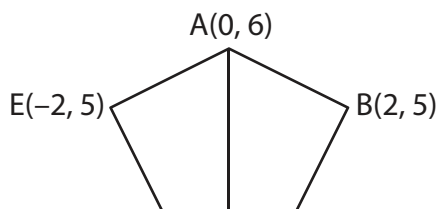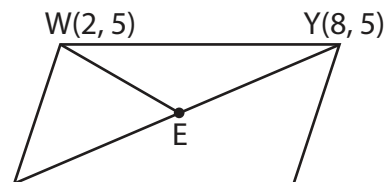# Midpoint and Distance

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

1) Find the length of $\overline{AP}$, if P is the midpoint of $\overline{DC}$.

A(0, 6)

E(−2, 5)   B(2, 5)

2) Find the length of $\overline{WE}$ if E is the midpoint of $\overline{XY}$.

W(2, 5)   Y(8, 5)

E

3)

5) Find the length of the median $\overline{DG}$.

D(2, −2)

F(1, −4)   E(4, −4)
G
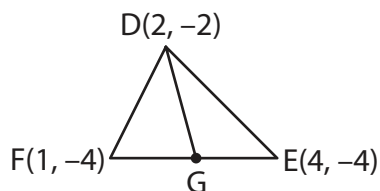
6) X is the midpoint of $\overline{UV}$. Find the length of $\overline{XW}$.

U(−8, 0)

X

V(−8, 2)   W(−5, 2)