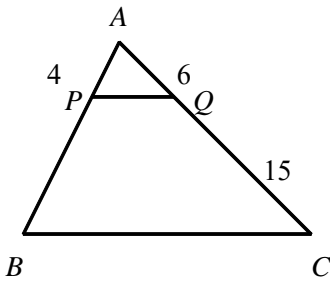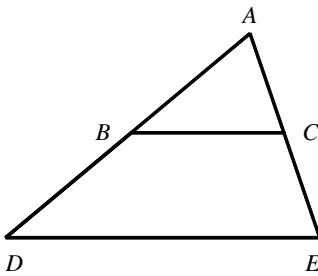NAME:_____

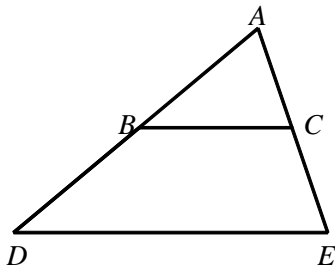1. Given: $\overline{PQ} \parallel \overline{BC}$. Find the length of $\overline{AB}$.



[A] 14    [B] 11    [C] 16    [D] 18

2. In the figure shown, $\overline{BC} \parallel \overline{DE}$, $AB = 2$ yards, $BC = 9$ yards, $AE = 36$ yards, and $DE = 36$ yards. Find $BD$.
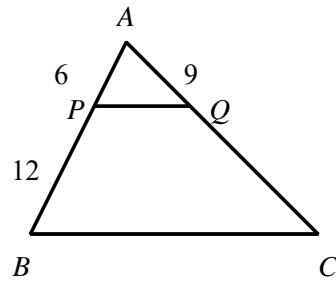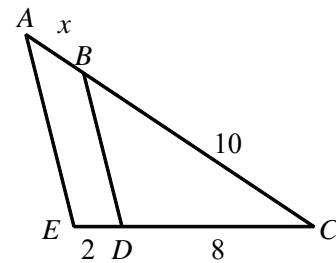


[A] 9 yd    [B] 8 yd    [C] 6 yd    [D] 27 yd

3. In the figure shown, $\triangle ABC \sim \triangle ADE$, $AB = 7$ yards, $BC = 8$ yards, $AE = 4$ yards, and $DE = 16$ yards. Find $CE$.
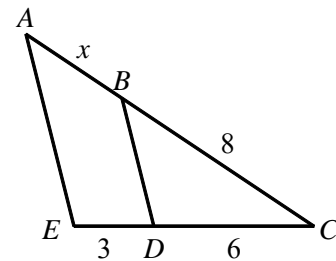


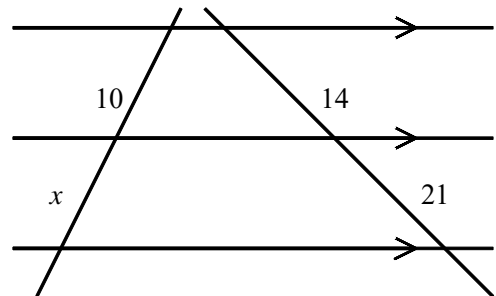4. Given: $\overline{PQ} \parallel \overline{BC}$. Find the measure of $\overline{CQ}$.



5. Given $\overline{AE} \parallel \overline{BD}$, solve for $x$.



6. Given $\overline{AE} \parallel \overline{BD}$, solve for $x$.



7. Find $x$.

[1]  A

[2]  C

[3]  2 yd

[4]  18

[5]  $2\frac{1}{2}$

[6]  4

[7]  15