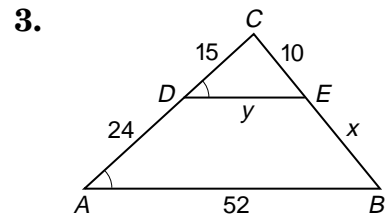
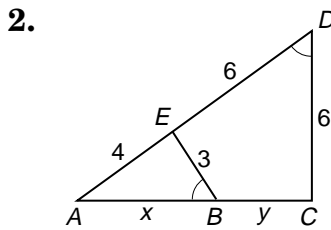
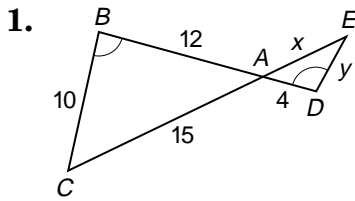


Practice

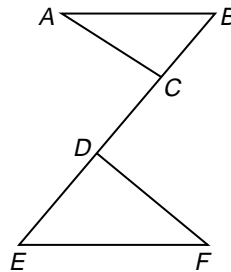
Identifying Similar Triangles

Identify the similar triangles in each figure. Explain why they are similar and use the given information to find x and y .



Write a two-column proof.

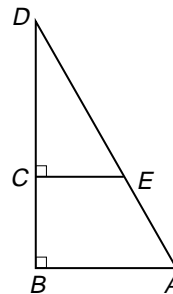
4. **Given:** $\overline{AB} \parallel \overline{EF}$
 $\overline{AC} \parallel \overline{DF}$
Prove: $\triangle ABC \sim \triangle FED$



Proof:
Statements

Reasons

5. **Given:** $\overline{AB} \perp \overline{BD}$
 $\overline{ED} \perp \overline{BD}$
Prove: $\triangle BDA \sim \triangle CDE$



Proof:
Statements

Reasons