

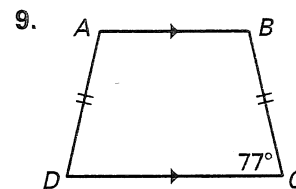
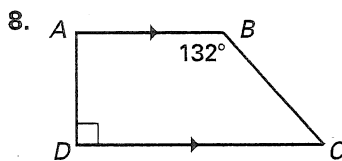
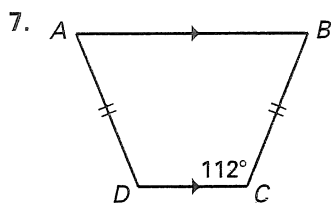
Practice B

For use with pages 356–363

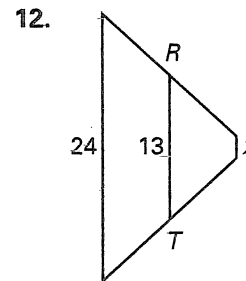
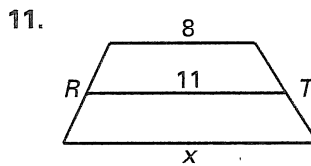
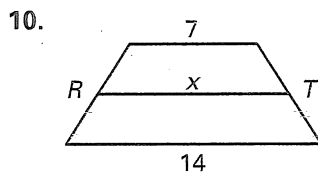
Draw a trapezoid $JKLM$ with $JK \parallel LM$. Match the pair of segments or angles with the term, which describes them in trapezoid $JKLM$.

- | | | |
|--|--|--|
| 1. \overline{JK} and \overline{ML} | 2. \overline{MJ} and \overline{KL} | 3. \overline{ML} and \overline{KL} |
| 4. $\angle K$ and $\angle M$ | 5. \overline{JL} and \overline{KM} | 6. $\angle M$ and $\angle L$ |
| A. bases angles | B. consecutive sides | C. opposite angles |
| D. diagonals | E. bases | F. legs |

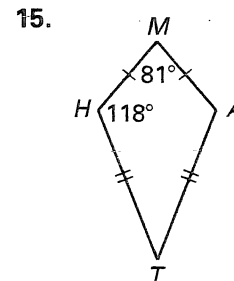
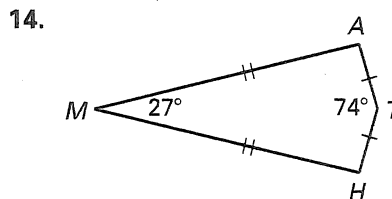
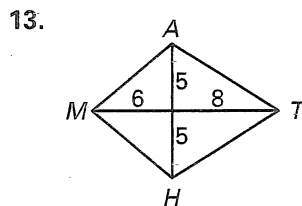
Find the angle measures of $ABCD$.



The midsegment of the trapezoid is \overline{RT} . Find the value of x .



Find the length of the sides to the nearest hundredth or the measure of the angles in kite $MATH$.

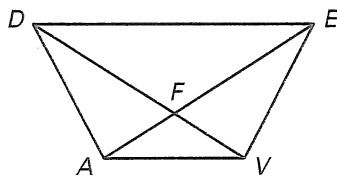


Write a two-column or a paragraph proof.

16. Given: $\overline{DE} \parallel \overline{AV}$,

$$\triangle DAV \cong \triangle EVA$$

Prove: $DAVE$ is an isosceles trapezoid.



17 Given: \overline{WV} is a midsegment of $\triangle XYZ$.

$$\overline{XZ} \cong \overline{YZ}$$

Prove: $XWVY$ is an isosceles trapezoid.

