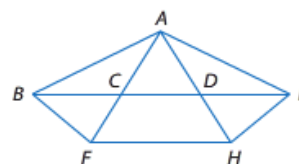


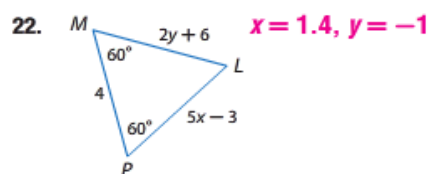
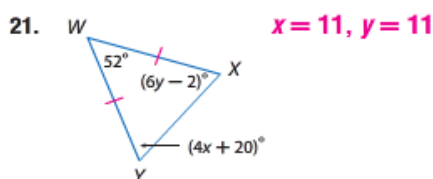
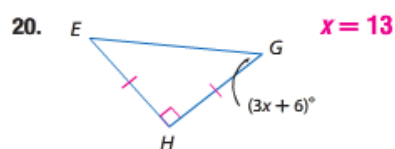
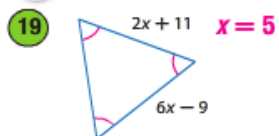
LT 2.3 Homework

Example 1 Refer to the figure at the right.

9. If $\overline{AB} \cong \overline{AE}$, name two congruent angles. $\angle ABE$ and $\angle AEB$
10. If $\angle ABF \cong \angle AFB$, name two congruent segments. \overline{AB} and \overline{AF}
11. If $\overline{CA} \cong \overline{DA}$, name two congruent angles. $\angle ACD$ and $\angle ADC$
12. If $\angle DAE \cong \angle DEA$, name two congruent segments. \overline{AD} and \overline{DE}
13. If $\angle BCF \cong \angle BFC$, name two congruent segments. \overline{BF} and \overline{BC}
14. If $\overline{FA} \cong \overline{AH}$, name two congruent angles. $\angle AFH$ and $\angle AHF$

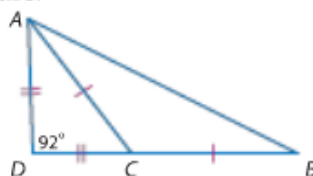


Example 3 **CCSS REGULARITY** Find the value of each variable.

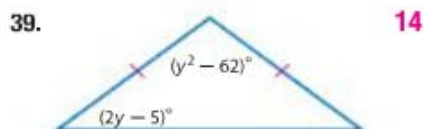
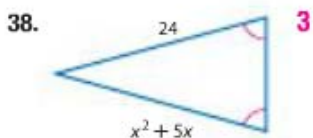


CCSS REGULARITY Find each measure.

29. $m\angle CAD$ 44
30. $m\angle ACD$ 44
31. $m\angle ACB$ 136
32. $m\angle ABC$ 22



Find the value of each variable.



GAMES Use the diagram of a game timer shown to find each measure.

40. $m\angle LPM$ 80
41. $m\angle LMP$ 80
42. $m\angle JLK$ 20
43. $m\angle JKL$ 80

