

## Workbook

## P. 243

- #10 a)  $x = 5.3$       b)  $x = 6.1$       c)  $x = 11.8$   
d)  $x = 44.4^\circ$     e)  $x = 125.1^\circ$     f)  $x = 41.4^\circ$   
e)  $m\angle ACB = 22.6^\circ$   $m\angle ABC = 67.4^\circ$   $m\overline{AC} = 12$   
f)  $m\angle ACB = 61.9^\circ$   $m\angle ABC = 28.1^\circ$   $m\overline{AB} = 15$

#11  $m\overline{BC} = 3.35$      $m\angle ABC = 78^\circ$      $m\angle ACB = 47.2^\circ$

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#12  $m\angle BAC = 36.3^\circ$      $m\angle ABC = 26.4^\circ$      $m\angle ACB = 117.3^\circ$

#14  $m\overline{BC} = 255 \text{ cm}$

#16  $m\overline{AC} = 36.3^\circ$      $m\angle ADC = 125.7^\circ$

#18  $m\angle BAC \approx 29^\circ$      $m\angle ABC = 46.7^\circ$      $m\angle ABF = 69^\circ$      $m\angle CBE = 64.3^\circ$