

**3-108.**  $x = 137^\circ$ ,  $y = 76^\circ$

**3-109.**  $h = 5$  feet; perimeter  $\approx 24.2$  feet

**3-110. See below.**

a.  $\frac{28}{?} = \frac{2}{5}$ ; There are 70 animals in the bin.

b.  $\frac{13+17}{22+8+13+15+17} = \frac{30}{75} = 40\%$

c.  $\frac{3}{?} = 5\%$ ; You need a total of 60 animals in the bin.

**3-111. See below.**

a.  $y = -\frac{1}{2}x + 4$

b.  $y = 2x - 1$

c.  $y = \frac{2}{5}x + \frac{7}{5}$

d.  $C = 15 + 7(t - 1) = 8 + 7t$

**3-112.**  $\approx 13.2$  miles

**3-113.** Possible response: Rotate  $WXYZ$  clockwise, translate it to the left, and dilate it by a factor of 0.4.  $y = 7.5$ ,  $z = 9.6$