

①  $X = ?$   $\frac{3X}{2} + 16 = 10$

$$3X + 32 = 20$$

$$3X = -12 \quad \boxed{X = -4}$$

② Bowl  $\Rightarrow$  100 jelly beans, 42 red, 36 blue, 22 green, Prob. that bean picked at random is NOT red.

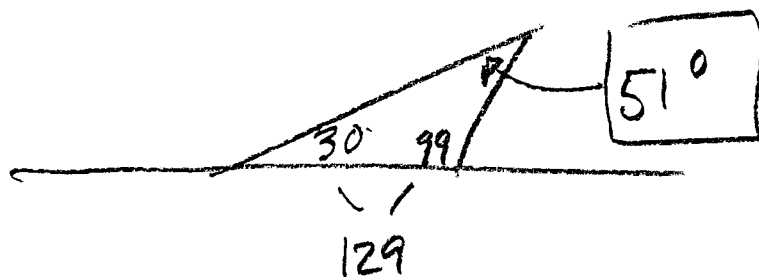
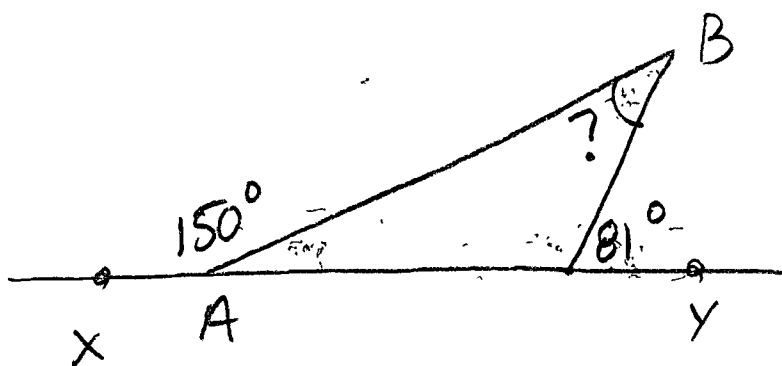
$$\frac{58}{100} = \boxed{\frac{29}{50}}$$

③  $3.6X + 7.99 = 1.03 - 2.4X, X = ?$

$$\begin{array}{r} 6X \\ - 7.99 \\ \hline = -6.936 \end{array}$$

$$\boxed{X = -1.16}$$

(4)



(5)

$$x^2 - 16 = 6x$$

$$x^2 - 6x - 16 = 0$$

$$\text{sum} = -6$$

$$\text{prod} = -16$$

$$+2 \quad -8$$

$$(x+2)(x-8) = 0$$

$$x = \{-2, 8\}$$