

$$\frac{r}{w} = \frac{2}{3} \Rightarrow r = \frac{2w}{3}; \frac{w}{b} = \frac{4}{5} \Rightarrow b = \frac{5w}{4}; r + b + w = 70$$

$$\frac{2w}{3} + \frac{5w}{4} + w = 70; \frac{8w + 15w + 12w}{12} = 70$$

$$w = \frac{70 \cdot 12}{35} = 24; r = \frac{2}{3} 24 = 16$$

Answer: red=16