

- | | | | |
|-------------------------------------|---------|---------|---------------------|
| 2) $\frac{35}{100} = \frac{28}{80}$ | 11) 6% | 23) 96% | 33) 8% |
| 3) 36% | 13) 69 | 26) 16% | 34) 200 laps |
| 5) 28 | 15) 25 | 27) 6% | 35) a: 90 listeners |
| 7) 150 | 17) 95 | 28) 72% | b: 35 listeners |
| 9) 70% | 22) 85% | 29) 30% | |

$$3) \frac{x(75)}{75} = \frac{27}{75}$$

$$x = 0.36$$

$$\boxed{36\%}$$

$$7) \frac{81}{.54} = \frac{(.54)x}{.54}$$

$$150 = x$$

$$15) \frac{7}{.28} = \frac{.28x}{.28}$$

$$25 = x$$

$$23) \begin{aligned} x(4n) &= 96 \\ x(4.25) &= 96 \end{aligned}$$

$$\frac{100x}{100} = \frac{96}{100}$$

$$x = \frac{96}{100} = .96$$

$$96\%$$

$$29) \left(\frac{241}{804}\right) = \frac{P}{100} \cdot 100$$

$$100(.30) = P$$

$$\boxed{30\%}$$

$$33) \frac{18}{225} = 0.08$$

$$8\%$$

$$3) \frac{x \cdot 75}{75} = \frac{27}{75}$$

$$x = .36$$

$$36\%$$

$$34) \frac{.05x}{.05} = \frac{10}{.05}$$

$$x = \boxed{200 \text{ Laps}}$$

$$35) \begin{aligned} a: 250(.36) &= 90 \\ b: 250(.14) &= 35 \end{aligned}$$