

Chap 5.1

57

Pizza

Hot Dogs

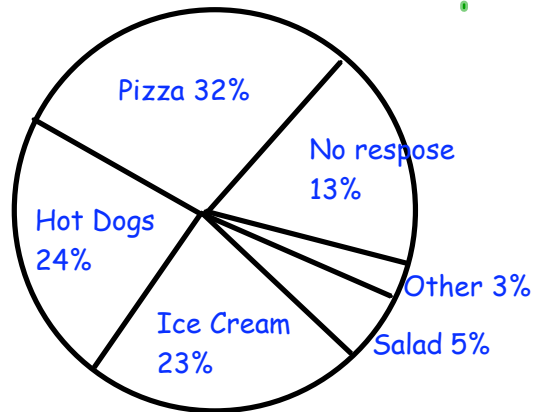
Ice Cream

Salade

Other

No Response

230



177 students

$$\frac{x}{177} = \frac{32}{100}$$

$$100x = 177 \cdot 32$$

$$\frac{100x}{100} = \frac{5664}{100}$$

$$x = 56.64$$

$$\frac{x}{177} = \frac{13}{100}$$

$$100x = 177 \cdot 13$$

$$\frac{100x}{100} = \frac{2301}{100}$$

$$x = 23.01 \text{ students}$$

$$\frac{2}{50} = 0.04 \rightarrow 4\%$$

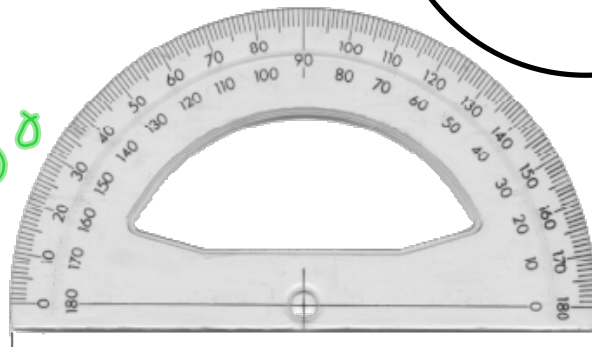
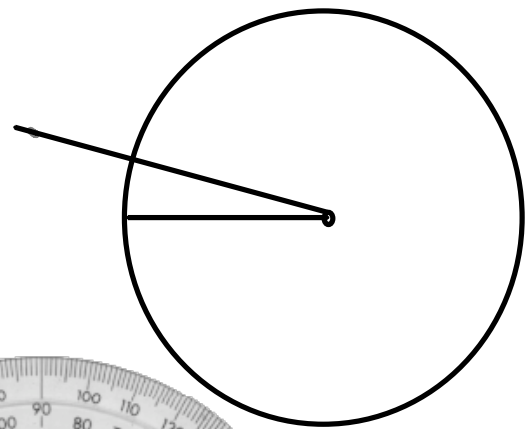
Part of the example from
Page 202

$$\frac{4}{100} = \frac{x}{360}$$

$$100x = 360 \cdot 4$$

$$\frac{100x}{100} = \frac{1440}{100}$$

$$x = 14.40^\circ$$



10)

ROCK $\rightarrow 46.6\% \rightarrow 0.466$

$$\frac{46.6}{100} = \frac{x}{360}$$

$$\frac{100x}{100} = \frac{16776}{100}$$

$$x = 167.76^\circ$$

POP $\rightarrow 14.2\%$

$$\frac{14.2}{100} = \frac{x}{360}$$

$$\frac{100x}{100} = \frac{5112}{100}$$

$$x = 51.12^\circ$$

