8.21) $\frac{2}{5} \cdot \frac{1}{8} \cdot \frac{1}{10} \cdot 80{,}000 = 1600 \cdot \frac{2}{5} = 640$

8.22)

$18\% \cdot 50 = x\% \cdot 24$

$\frac{9}{50} \cdot 50 = 9$

$9 = \frac{x}{100} \cdot 24$

$\frac{9 \cdot 100}{24} = \frac{75}{2} = 37.5$

37.5 %.

8.23)

$900 - 240 = 720$

$\frac{720}{960} = \frac{72}{96} = \frac{3}{4} = 75\%$

8.24)

$\frac{6}{15} = \frac{2}{5} \cdot \frac{1}{3} \cdot \frac{1}{5} = \frac{2}{5} = 40\%$

8.25)

$36\% \cdot x = 45$

$x = 45 \cdot \frac{100}{36} = 125$

8.26)

$\frac{28}{35} = \frac{4}{5} = 80\%$

8.27)

$600\% \cdot \frac{1}{4} = \frac{3}{2}$ $\quad 50 \cdot \frac{3}{2} = 75$ usd

8.28)

$\frac{3}{100} \cdot 300 = 9$ usd

8.29)

$\frac{55}{100} \cdot 20 = 11$

$\frac{11+a}{25} = \frac{56}{100}$

$\frac{44+4a}{100} = \frac{56}{100}$

$4a = 12$

$a = 3$

8.30)

$$\frac{5}{\cancel{5}_1} \cdot \frac{6}{\cancel{6}_1} \cdot \overset{8}{\cancel{240}} = 36 \cdot 8 = 288$$

8.31)

$$\overset{11}{\cancel{220}} \cdot \frac{11}{\cancel{10}} \cdot \frac{17}{\cancel{20}_1} = 121 \cdot 17 = 2057 \text{ usd}$$

8.32)

$$\frac{7+16+27}{60} = \frac{50}{60} = \frac{5}{6} = 0.8\overline{3} = \frac{83.\overline{3}}{100} \approx 83\%$$

8.33)

$$1.06^4 = (106 \times 10^{-2})^4$$

$$\approx 1.2624$$

8.34)

$$\frac{3}{\cancel{5}_1}\left(\overset{8}{\cancel{120}}\right) \cdot \frac{3}{\cancel{5}_1} - 1$$

71

es un incremento de 0.2624 aprox.
del salario original, o redondeado,
de 26%.

8.35)

$$80 - 5 = 75 \qquad \frac{2}{25}(75) = 6$$

$$75 + 6 = 81$$

8.36)

$$\frac{17}{\cancel{20}_1}\left(\overset{5}{\cancel{250}}\right) \cdot \frac{\overset{3}{\cancel{6}}}{\cancel{5}_1} = 255$$

$$5 = x\% \; 250$$

$$\frac{\cancel{5}_1 \cdot 100}{\cancel{250}_5} = x = 2$$

2%

$$\frac{17}{\cancel{20}_{10}} \cdot \frac{\overset{3}{\cancel{6}}}{5} = \frac{51}{50} = \frac{102}{100}$$. Un incremento de 2%.

8.37)

$$\frac{4}{\cancel{5}_1}\left(\overset{18}{\cancel{90}}\right) = 72$$

8.38)

Ninguno tiene razón, el precio final será siempre el mismo.