

$$1. \begin{array}{l} \text{cm} \\ \text{Km} \end{array} \quad \begin{array}{l} 5 = x \\ 5 = 25 \\ 5x = 125 \\ x = 25 \end{array}$$

$$2. \frac{1000}{20} = \$50 \quad \text{Regular } \$55$$

You save \$5.

$$3. \begin{array}{l} 6.49 \\ \times 1.11 \text{ (markup)} \\ \hline 7.20 \end{array} \quad \begin{array}{l} 7.20 \\ \times 1.05 \text{ (Tax)} \\ \hline \$7.56 \end{array}$$

$$4. \begin{array}{r} \$617.40 \\ -420 \\ \hline 197.40 \end{array} \quad \frac{\$197.40}{420} = 0.47 \text{ or } 47\%$$

$$5. \begin{array}{r} \$1439.00 \\ \times 0.15 \text{ (15\% off)} \\ \hline \$215.85 \text{ discount} \end{array} \quad \begin{array}{r} \$1439 \\ -215.85 \\ \hline \$1223.15 \text{ sale price} \end{array}$$

$$6. \frac{\text{euro}}{\text{CAD}} = \frac{1}{1.56} = \frac{1025}{x}$$

$$x = \$1599$$

$$\begin{array}{l} 7. \text{ bhat} \\ \text{CAD} \end{array} \quad \frac{10820}{380} = \frac{1}{x}$$
$$10820x = 380$$
$$x = 0.03512$$

$$\begin{array}{l} 8. \text{ Singapore \$} \\ \text{CAD} \end{array} \quad \frac{10750}{7925.76} = \frac{1}{x}$$
$$10750x = 7925.76$$
$$x = 0.73728$$

9. Bank is selling shillings to me.

$$\begin{array}{l} \text{Shillings} \\ \text{CAD} \end{array} \quad \frac{1}{0.017300} = \frac{x}{150}$$
$$0.017300x = 150$$
$$x = 8670.52$$

10. The Bank is buying reals from me.

$$\begin{array}{l} \text{reals} \\ \text{CAD} \end{array} \quad \frac{1}{0.534900} = \frac{150}{x}$$
$$x = 80.235$$

11. The bank is selling rupees to me.

$$\begin{array}{l} \text{rupees} \\ \text{CAD} \end{array} \frac{1}{0.02532} = \frac{x}{75}$$

$$0.02532x = 75$$

$$x = 2962.085$$

The bank is buying rupees from me.

$$\begin{array}{l} \text{rupees} \\ \text{CAD} \end{array} \frac{1}{0.02087} = \frac{2962.085}{x}$$

$$x = 61.82$$

$$\begin{array}{r} \text{START} \quad \$75 \\ -61.82 \\ \hline \$13.18 \quad (\text{LOST}) \end{array}$$

12.

T-shirts	Shoes	Jeans
\$17.50	\$77.50	\$45.00
$\times 1.15$ (15% markup)	$\times 1.65$ (65% markup)	$\times 1.30$ (30% markup)
\$20.13	\$127.88	\$58.50
$\times 2$ (T-shirts)	$\times 2$ pairs of shoes	$\times 4$ pairs of jeans
\$40.26	\$255.76	\$234
	\$40.26 + \$255.76 + 234	
	\$530.22	

$$\begin{aligned} \text{a) } \frac{\text{real}}{\text{CAD}} \quad \frac{1}{0.6578} &= \frac{x}{1025} \\ 0.6578x &= 1025 \\ x &= 1558.22 \end{aligned}$$

$$\begin{aligned} \text{b) } \frac{\text{Cayman dollar}}{\text{CAD}} \quad \frac{1}{1.500} &= \frac{x}{1025} \\ 1.500x &= 1025 \\ x &= 683.33 \end{aligned}$$

$$\begin{aligned} \text{c) } \frac{\text{Euro}}{\text{CAD}} \quad \frac{1}{1.6877} &= \frac{x}{1025} \\ 1.6877x &= 1025 \\ x &= 607.34 \end{aligned}$$

14. 4 lbs JAR \* 10.99

$$\begin{aligned} \frac{\text{Lbs}}{\$} \quad \text{a) } \frac{4 \text{ lbs}}{10.99} &= \frac{x}{43.96} \\ 10.99x &= 175.84 \\ x &= 16 \text{ lbs} \\ &= \text{or} \\ &= 4 \text{ JARS} \end{aligned}$$

$$\begin{aligned} \text{b) } \frac{4}{10.99} &= \frac{32}{x} \\ 4x &= 351.68 \\ x &= 87.92 \\ &= *87.92 \text{ for 32 lbs} \\ &= \text{of peanut butter.} \end{aligned}$$