

Business Math
 Test #1 Chapters 4, 5, 6
 Supporting Calculations

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YOU MUST SHOW CALCULATIONS FOR EACH QUESTION TO RECEIVE CREDIT.

MAKE SURE YOU SETUP EACH PROBLEM AND CIRCLE YOUR FINAL ANSWER(S).

1.

Yang Company Bank Reconciliation December 2011	
3150	3080
- 75	- 6
- 135	- 24
= 2940	- 10
+ 200	= 3040
= 3140	+ 100
	= 3140
Adjusted Balance = 3140	Adjusted Balance = 3140

2.

$$Q/40 = \frac{1/2}{1} \times \frac{Q}{40} = 20 + 40$$

$800 / 40 = 20$

3.

$$\begin{array}{r}
 8A - 40 = 4A + 100 \\
 \underline{-40} \qquad \qquad \underline{-40} \\
 8A = 4A + 100 \\
 \underline{-4A} \qquad \qquad \underline{-4A} \\
 4A = 100
 \end{array}$$

$$\frac{4A}{4} = \frac{100}{4} = A = 25$$

4.

$$42.890 = \frac{42.8}{100}$$

$$\frac{42.8}{1} \cdot \frac{1}{100} = \frac{21.4}{50}$$

$$\frac{10.7}{25}$$

5.

$$10.915$$

6.

$$\frac{.8}{.8} \cdot X = \frac{50}{.8}$$

$$X = 62.5$$

15.

$$\begin{aligned} 400 &= 3r + w \\ 1100 &= 4r \\ 400 &= R \end{aligned}$$
$$\begin{array}{r} R \\ A = 3r \\ \hline = 400 \end{array}$$

16.

$$\begin{array}{r} 18 \\ + 11 \\ \hline 29 \end{array}$$
$$18 \div 22 = 82.90$$

7.

$$\frac{8}{1} \cdot \frac{1}{8} \cdot X = 80 \cdot 8 = \$640^{00}$$

8.

$$410.50 \cdot .25 = 102.63 = \text{Increase}$$

$$\begin{array}{r} 410.50 \\ + 102.63 \\ \hline 513.13 \end{array}$$

9.

 $\$12 = \text{Posters}$ $\$8 = \text{Baseball cards}$

Total Sales = 840

$$4.12 + 3.8 = 840$$

$$\begin{array}{r} 672 \\ + 168 \\ \hline 840 \end{array}$$

10.

$$3600 \times .4 = 1440$$

$$\begin{array}{r} 3600 \\ - 1440 \\ \hline 2160 \end{array}$$

11.

$$\text{\$2 pizza} = 500$$

$$\text{\$3 hamburger} = 500$$

$$= \$1300$$

$$(\text{B.3.}) \text{ m.2} = 1300$$

$$2p + (12)(500 - p) = 1300$$

$$2p + 6000 - 12p = 1300$$

$$\begin{array}{r} \text{H\$6000} \\ \text{200} \end{array} \quad \begin{array}{r} \text{B\$7000} \\ \text{350} \end{array}$$

12.

$$90000 \times .12 = 10,800$$

13.

$$F + S = 250,000$$

$$F + 6F = 250,000$$

$$\frac{7F = 250,000}{7} = 35714.28571$$

$$\begin{array}{r} 214284 \\ + 35715 \\ \hline 250,000 \end{array}$$

14.

$$\begin{array}{r} 100 \\ - 110 \\ \hline \end{array}$$

60 20 takes missing