

2 ② $86,000 \div 12 = 7166.67$
 annual monthly

$7166.67 \times .28 = 2006.67$
 rent

③ 7000 monthly
 $\times .28$
1960 rent

④ $\$1500$ week $\times 52 = 78,000$ annual
 $78000 \div 12 = \$6500$ monthly
 $6500 \times .28 = \underline{1820}$ rent

Jan 23-8:01 AM

③ $\frac{1400}{x} = \frac{28}{100}$

$\frac{140000}{28} = \frac{28x}{28}$

$x = 5000$ monthly
 $\times 12$
60000 annual

Jan 23-8:07 AM

④ $18.50 \times 37 = 684.50$
 week

$684.50 \times 52 = 35594$ annual
 $\div 12$
2966.17 monthly gross income

Less:

23%	-682.22	Rent
5%	-148.31	2966.17
		<u>x.28</u>
net	<u>2135.64</u>	<u>830.53</u>

Jan 23-8:11 AM

⑤ $1300 \times .02 = 26.00$
 app fee 10.00
 security 1300.00
 Last mo 1300.00
 Broker
 $(1300 \times 12 \times .12) 1872.00$

4508.00

Bank adds 1st month
1300.00
5808.00

Jan 23-8:19 AM

⑥ $2200 \times 26 = 57200$
 biweekly annual

$57200 \div 12 = 4766.67$
 monthly gross

re commended rent

Less: 10%	-476.67
5%	-238.33
18%	-858.00
	<u>3193.67 net</u>

$\frac{4766.67}{x.28}$
1334.67

Jan 23-8:26 AM

⑦ $3x + 2y = 480$
 $5x + 2y = 680$

$5(3x + 2y = 480)$
 $+ 3(5x + 2y = 680)$

$15x + 10y = 2400$
 $-15x - 6y = -2040$
4y = 360 $y = 90$

$3x + 2(90) = 480$
 $3x + 180 = 480$
 $3x = 300$ $x = 100$

Jan 23-9:12 AM

$$\textcircled{8} \begin{aligned} 5x + 80y &= \$780 \\ 6x + 100y &= \$960 \end{aligned}$$

$$\begin{aligned} + 6(5x + 80y &= 780) \\ - 5(6x + 100y &= 960) \end{aligned}$$

$$\begin{array}{r} + 30x + 480y = 4680 \\ - 30x - 500y = -4800 \\ \hline -20y = -120 \quad (y=6) \end{array}$$

$$\begin{aligned} 5x + 80(6) &= 780 \\ 5x + 480 &= 780 \\ 5x &= 300 \quad (x=60) \end{aligned}$$

Jan 23-9:12 AM

$$\textcircled{19} \begin{aligned} 150 \text{ miles} \times 5 &= 750.00 \\ 7 \times 85 &= 595.00 \\ 5 \times 70 &= 350.00 \end{aligned}$$

$$\begin{array}{r} 1695.00 \\ \text{tax } (1695 \times .08) \quad 135.60 \\ \hline \boxed{1830.60} \end{array}$$

Jan 23-9:32 AM