

$$(2x+8) + (6x-28) \qquad 2x+8 = 6x-28$$

$$2x+8+6x-28 \qquad 2x+36 = 6x$$

$$-2x - 2x$$

$$-2x - 2x$$

$$AB + B($$

$$(2x+8) + (6x-28)$$

$$(2(9)+8) + (6(9)-28)$$

$$(2(9)+8) + (6(9)-28)$$

$$\begin{array}{c|c}
(18+8) + (54-28) & 8 \\
26+26 & \times & 10 \\
\hline
 & 52
\end{array}$$

$$\begin{array}{c|c}
x^2 + 8^2 = 10^2 \\
x^2 + 64 = 100 \\
-64 & -64
\end{array}$$

AB = 2x + 8 and BC = 6x - 28

$$\frac{10}{10}$$

$$\frac{10}{10}$$

$$\frac{10}{10}$$

$$\frac{10}{10}$$

x2 = 36

X = 6

 $6x + 175^{\circ} = 3x + 127^{\circ}$ 

$$\frac{9x = 72}{9}$$

$$x = 8$$

$$6x - 12 = 6(8) - 12 = 48 - 12 = 367$$

$$\frac{5}{2.5} = \frac{15}{0}$$
 $\frac{5}{2.5} = \frac{15}{0}$ 

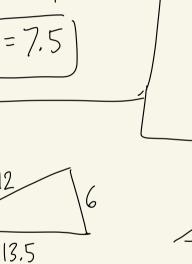
9=12

ĝ

18

$$\frac{12}{12}$$

 $\frac{12}{13.5} = \frac{r}{18} \sqrt{r - 16}$ 



6.5 = 30 30/4 = 15/2

 $\frac{6}{1} = \frac{15}{2} - \frac{12}{2} =$ 

$$\frac{35}{30} = \frac{28}{N} \qquad \boxed{N=24}$$

$$\frac{1}{30} = \frac{1}{10} \left[ \frac{11-24}{1} \right]$$

$$\frac{2}{1} = \frac{2+1}{x} \qquad \frac{2}{1} = \frac{3}{x}$$

$$\frac{3}{2} = \frac{3}{x}$$

$$\frac{3}{2} = \frac{3}{x}$$

$$\frac{1}{x}$$
 10  $\frac{1}{6}x =$ 

$$|6| |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| | |6| |$$

$$\frac{x}{8} = \frac{x + 10}{16}$$

$$\frac{8x = 8x}{8}$$

$$\frac{8x = 80}{8}$$

$$\sqrt{x = 10}$$

 $16 \cdot x = 8(x + 10)$  16x = 8x + 80

$$\begin{vmatrix} 8 & | 16 \\ \hline & -8x \end{vmatrix}$$

$$\frac{X}{6} = \frac{2}{6+4} = \frac{X}{6} = \frac{2}{10} \quad 2.6 = 12$$

$$12/10 = \frac{16}{5}$$

$$6x + 34 = 8x + 14$$

$$-6x - 34 - 6x - 34$$

X = 10

$$0 = 2x - 20$$

$$+90 + 20$$

$$\frac{20}{2} = \frac{2x}{2}$$

$$6^2 + 5^2 = \chi^2$$

$$36 + 25 = \chi^2$$
  
 $61 = \chi^2$ 

$$\begin{cases}
 8x - 5 &= 7x + 3 \\
 -7x - 3 &= 7x - /3
 \hline
 x - 8 &= 0
 +8 +8
 x &= 8
 \end{cases}$$

$$\begin{pmatrix}
8x-5 & + (7x+3) \\
8(8)-5 & + (7(8)+3) \\
64-5 & + 56+3 \\
59+56+3$$

$$\boxed{118}$$

$$=\frac{x}{10}$$

6x + 3

9x + 94 + 6x + 3 = 72

15x +47 = 77

 $\chi^2 = 12$ 

$$6x + 11 + 7x + 143 = 180$$

$$13x + 154 = 180$$

$$-154 - 154 = 6x + 11$$

$$13x = 26$$

$$13 + 13 = 12 + 11$$

$$\frac{1}{X=2}$$

$$\frac{1}{\chi} = \frac{5}{9+\chi}$$

$$1(9+\chi) = 5\chi$$

$$\begin{array}{c|c}
9 & | (9+x) = \\
6 = 7x + 15 & | -x \\
-4x & | 9 = 4x
\end{array}$$

$$= 3x + 15 & | -\frac{4}{11} = \frac{4}{11} = \frac{4}{$$

 $\frac{51=3x}{3}$ 

X=17