SOLVING EQUATIONS: TWO-STEP EQUATIONS

Directions: Solve for $x$ in each of the equations below. Write your answer in the space provided.

1) $2x + 19 = 45$

2) $9x + 25 = 88$

3) $3x + 36 = 96$

4) $8x + 24 = 56$

5) $4x + 46 = 88$

6) $7x + 12 = 54$

7) $5x + 18 = 98$

8) $2x + 14 = 68$

9) $9x + 8 = 53$

10) $4x + 31 = 91$
SOLVING EQUATIONS: TWO-STEP EQUATIONS

Directions: Solve for $x$ in each of the equations below. Write your answer in the space provided.

1) $2x + 19 = 45$  
   \[ x = \frac{45 - 19}{2} = 13 \]

2) $9x + 25 = 88$  
   \[ x = \frac{88 - 25}{9} = 7 \]

3) $3x + 36 = 96$  
   \[ x = \frac{96 - 36}{3} = 20 \]

4) $8x + 24 = 56$  
   \[ x = \frac{56 - 24}{8} = 4 \]

5) $4x + 46 = 88$  
   \[ x = \frac{88 - 46}{4} = 11 \]

6) $7x + 12 = 54$  
   \[ x = \frac{54 - 12}{7} = 6 \]

7) $5x + 18 = 98$  
   \[ x = \frac{98 - 18}{5} = 16 \]

8) $2x + 14 = 68$  
   \[ x = \frac{68 - 14}{2} = 27 \]

9) $9x + 8 = 53$  
   \[ x = \frac{53 - 8}{9} = 5 \]

10) $4x + 31 = 91$  
    \[ x = \frac{91 - 31}{4} = 15 \]