



Distributive Equations

Solve each problem. 18 questions.

Name: _____

Date: _____

Score: ____ / 18

$$6(x + 4) = 78 \rightarrow x = \underline{\hspace{2cm}} \quad 6(x + 1) = 18 \rightarrow x = \underline{\hspace{2cm}} \quad 3(x + 1) = 18 \rightarrow x = \underline{\hspace{2cm}}$$

$$2(x + 4) = 10 \rightarrow x = \underline{\hspace{2cm}} \quad 3(x + 7) = 39 \rightarrow x = \underline{\hspace{2cm}} \quad 3(x + 6) = 33 \rightarrow x = \underline{\hspace{2cm}}$$

$$2(x + 6) = 26 \rightarrow x = \underline{\hspace{2cm}} \quad 6(x + 2) = 66 \rightarrow x = \underline{\hspace{2cm}} \quad 4(x + 2) = 16 \rightarrow x = \underline{\hspace{2cm}}$$

$$3(x + 6) = 33 \rightarrow x = \underline{\hspace{2cm}} \quad 3(x + 7) = 24 \rightarrow x = \underline{\hspace{2cm}} \quad 5(x + 2) = 50 \rightarrow x = \underline{\hspace{2cm}}$$

$$4(x + 5) = 48 \rightarrow x = \underline{\hspace{2cm}} \quad 4(x + 3) = 36 \rightarrow x = \underline{\hspace{2cm}} \quad 5(x + 1) = 55 \rightarrow x = \underline{\hspace{2cm}}$$

$$6(x + 4) = 72 \rightarrow x = \underline{\hspace{2cm}} \quad 3(x + 5) = 30 \rightarrow x = \underline{\hspace{2cm}} \quad 5(x + 3) = 45 \rightarrow x = \underline{\hspace{2cm}}$$