

Løs ligningen  $2x + 8 = -3x - 2$

Læg til

$$ax - b = c$$

$$ax - b + b = c + b$$

$$ax = c + b$$

Divider

$$b = cx$$

$$\frac{b}{c} = \frac{cx}{c}$$

$$\frac{b}{c} = x$$

Træk fra

$$ax - b = cx$$

$$ax - b - ax = cx - ax$$

$$-b = cx - ax$$

Gang

$$b = -x$$

$$b \cdot -1 = -x \cdot -1$$

$$-b = x$$

Løs ligningen  $2x + 8 = -3x - 2$

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Læg til

$$ax - b = c$$

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Træk fra

$$ax - b = cx$$

$$ax - b - ax = cx - ax$$

$$-b = cx - ax$$

Gang

$$b = -x$$

$$b \cdot -1 = -x \cdot -1$$

$$-b = x$$

Løs ligningen  $2x + 8 = -3x - 2$

$$2x + 8 = -3x - 2$$

$$2x + 8 - 2x = -3x - 2 - 2x$$

Læg til

$$ax - b = c$$

$$ax - b + b = c + b$$

$$ax = c + b$$

Træk fra

$$ax - b = cx$$

$$ax - b - ax = cx - ax$$

$$-b = cx - ax$$

Divider

$$b = cx$$

$$\frac{b}{c} = \frac{cx}{c}$$

$$\frac{b}{c} = x$$

Gang

$$b = -x$$

$$b \cdot -1 = -x \cdot -1$$

$$-b = x$$

Løs ligningen  $2x + 8 = -3x - 2$

$$\begin{aligned} 2x + 8 &= -3x - 2 \\ 2x + 8 - 2x &= -3x - 2 - 2x \\ 8 &= -5x - 2 \end{aligned}$$

Læg til

$$\begin{aligned} ax - b &= c \\ ax - b + b &= c + b \\ ax &= c + b \end{aligned}$$

Divider

$$\begin{aligned} b &= cx \\ \frac{b}{c} &= \frac{cx}{c} \\ \frac{b}{c} &= x \end{aligned}$$

Træk fra

$$\begin{aligned} ax - b &= cx \\ ax - b - ax &= cx - ax \\ -b &= cx - ax \end{aligned}$$

Gang

$$\begin{aligned} b &= -x \\ b \cdot -1 &= -x \cdot -1 \\ -b &= x \end{aligned}$$

Løs ligningen  $2x + 8 = -3x - 2$

$$\begin{aligned}
 2x + 8 &= -3x - 2 \\
 2x + 8 - 2x &= -3x - 2 - 2x \\
 8 &= -5x - 2 \\
 8 + 2 &= -5x - 2 + 2
 \end{aligned}$$

Læg til

$$\begin{aligned}
 ax - b &= c \\
 ax - b + b &= c + b \\
 ax &= c + b
 \end{aligned}$$

Divider

$$\begin{aligned}
 b &= cx \\
 \frac{b}{c} &= \frac{cx}{c} \\
 \frac{b}{c} &= x
 \end{aligned}$$

Træk fra

$$\begin{aligned}
 ax - b &= cx \\
 ax - b - ax &= cx - ax \\
 -b &= cx - ax
 \end{aligned}$$

Gang

$$\begin{aligned}
 b &= -x \\
 b \cdot -1 &= -x \cdot -1 \\
 -b &= x
 \end{aligned}$$

Løs ligningen  $2x + 8 = -3x - 2$

$$\begin{aligned}
 2x + 8 &= -3x - 2 \\
 2x + 8 - 2x &= -3x - 2 - 2x \\
 8 &= -5x - 2 \\
 8 + 2 &= -5x - 2 + 2 \\
 10 &= -5x
 \end{aligned}$$

Læg til

$$\begin{aligned}
 ax - b &= c \\
 ax - b + b &= c + b \\
 ax &= c + b
 \end{aligned}$$

Divider

$$\begin{aligned}
 b &= cx \\
 \frac{b}{c} &= \frac{cx}{c} \\
 \frac{b}{c} &= x
 \end{aligned}$$

Træk fra

$$\begin{aligned}
 ax - b &= cx \\
 ax - b - ax &= cx - ax \\
 -b &= cx - ax
 \end{aligned}$$

Gang

$$\begin{aligned}
 b &= -x \\
 b \cdot -1 &= -x \cdot -1 \\
 -b &= x
 \end{aligned}$$

Løs ligningen  $2x + 8 = -3x - 2$

$$\begin{aligned}
 2x + 8 &= -3x - 2 \\
 2x + 8 - 2x &= -3x - 2 - 2x \\
 8 &= -5x - 2 \\
 8 + 2 &= -5x - 2 + 2 \\
 10 &= -5x \\
 \frac{10}{-5} &= \frac{-5x}{-5}
 \end{aligned}$$

Læg til

$$\begin{aligned}
 ax - b &= c \\
 ax - b + b &= c + b \\
 ax &= c + b
 \end{aligned}$$

Divider

$$\begin{aligned}
 b &= cx \\
 \frac{b}{c} &= \frac{cx}{c} \\
 \frac{b}{c} &= x
 \end{aligned}$$

Træk fra

$$\begin{aligned}
 ax - b &= cx \\
 ax - b - ax &= cx - ax \\
 -b &= cx - ax
 \end{aligned}$$

Gang

$$\begin{aligned}
 b &= -x \\
 b \cdot -1 &= -x \cdot -1 \\
 -b &= x
 \end{aligned}$$

Løs ligningen  $2x + 8 = -3x - 2$

$$\begin{aligned}
 2x + 8 &= -3x - 2 \\
 2x + 8 - 2x &= -3x - 2 - 2x \\
 8 &= -5x - 2 \\
 8 + 2 &= -5x - 2 + 2 \\
 10 &= -5x \\
 \frac{10}{-5} &= \frac{-5x}{-5} \\
 -2 &= x
 \end{aligned}$$

Læg til

$$\begin{aligned}
 ax - b &= c \\
 ax - b + b &= c + b \\
 ax &= c + b
 \end{aligned}$$

Divider

$$\begin{aligned}
 b &= cx \\
 \frac{b}{c} &= \frac{cx}{c} \\
 \frac{b}{c} &= x
 \end{aligned}$$

Træk fra

$$\begin{aligned}
 ax - b &= cx \\
 ax - b - ax &= cx - ax \\
 -b &= cx - ax
 \end{aligned}$$

Gang

$$\begin{aligned}
 b &= -x \\
 b \cdot -1 &= -x \cdot -1 \\
 -b &= x
 \end{aligned}$$