

Warm Up

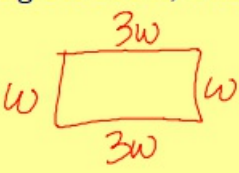
11/13/18

1. Twice a number added to four is the same as one subtracted from the number. What is the number?

$$\begin{array}{r}
 n-1 = 4+2n \\
 2n+4 = n-1 \\
 -n \quad -n \\
 \hline
 n+4 = -1 \\
 -4 \quad -4 \\
 \hline
 n = -5
 \end{array}$$

2. The length of a rectangle is three times its ^wwidth. If the perimeter of the rectangle is 160 ft, what is the length of the rectangle?

$w = \text{width}$
 $3w = \text{length}$
 $3(20)$
 $\text{length} = 60 \text{ ft}$



$8w = 160$
 $\frac{8w}{8} = \frac{160}{8}$
 $w = 20$

3. Solve: $5(x-3) - 2(x+1) = 4$

$$\begin{array}{r}
 5x - 15 - 2x - 2 = 4 \\
 3x - 17 = 4 \\
 +17 \quad +17 \\
 \hline
 3x = 21 \\
 \frac{3x}{3} = \frac{21}{3} \\
 x = 7
 \end{array}$$

25 minutes to
work individually
on the
STUDY GUIDE

BINDER PARTY

4 Sections:

1) Warm Ups

2) Classwork/Notes

3) Homework

4) Quizzes/Study Guides