

Five more than twice a  
number  $n$  is  $-25$ .

$$\begin{array}{rcl} 2n & +5 & = -25 \\ -5 & -5 & \\ \hline 2n & = -30 & \\ \hline n & = -15 & \end{array}$$

Ms. Pint goes to Target and spends \$30 on food and buys 4 new pens. If she spent a total of \$39, how much did each pen cost?

$$\begin{array}{rcl} \text{food} + \text{pens} & = & 39 \\ 30 + 4c & = & 39 \\ -30 & -30 & \\ \hline 4c & = & 9 \\ \hline c & = & 2.25 \end{array}$$

Extra Review Problems ANSWER KEY

$$2(m - 5) = 18$$

$$2m - 10 = 18$$

$+10 \quad +10$

$$m = 14$$
$$\frac{2m}{2} = \frac{28}{2}$$

Seven less than three times a number  $n$  is  $-13$ .

$$\frac{-7}{\quad} \quad \frac{3x}{\quad} \quad \frac{= -13}{\quad}$$

$$3x - 7 = -13$$

$+7 \quad +7$

$$\frac{3x}{3} = \frac{-6}{3}$$

$$x = -2$$

## Extra Review Problems ANSWER KEY

- Sammie got a membership to Golden Tan. To sign up, she paid \$30. She pays \$8 for each tan. Write and solve an equation to find the number of times she went tanning if she paid \$94.

$$\begin{array}{r} 30 + 8t = 94 \\ -30 \phantom{00} \\ \hline 8t = 64 \\ \underline{8} \phantom{00} \\ t = 8 \end{array}$$

8 tans

- Ms. Parsons earns \$200 each week plus \$25 for each pair of shoes that she sells. How many pairs of shoes does she need to sell to earn \$1,000 per week?



$$\begin{array}{r} 200 + 25x = 1000 \\ -200 \phantom{00} \\ \hline 25x = 800 \\ \underline{25} \phantom{00} \\ x = 32 \end{array}$$

$x = 32$  pairs of shoes

Extra Review Problems ANSWER KEY

$$\begin{array}{r} -11 = -c + 8 \\ -8 \quad -8 \\ \hline -19 = -c \\ -1 \quad -1 \\ \hline 19 = c \end{array}$$

You bought a magazine for \$5 and four erasers. You spent a total of \$25. How much did each eraser cost?

$$\begin{array}{r} 5 + 4e = 25 \\ -5 \quad -5 \\ \hline 4e = 20 \\ 4 \quad 4 \\ \hline e = 5 \end{array}$$

$e = \$5$

Extra Review Problems ANSWER KEY

$$\begin{array}{r|l} 7 - 3a = 19 & \\ -7 & -7 \\ \hline -3a = 12 & \\ \underline{-3} & \underline{-3} \\ a = -4 & \end{array}$$

Mr. Pint is saving up to buy a new fishing boat. He has \$500 right now and puts away \$35 each month. If the boat costs \$745, how many months will he have to save?

$$\begin{array}{r|l} 500 + 35m = 745 & \\ -500 & -500 \\ \hline 35m = 245 & \\ \underline{35} & \underline{35} \\ m = 7 & \end{array}$$

7 months

## Attachments

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4.5 WKST KEY.pdf

REVIEW 4.5-4.6 KEY.pptx