

Practice Quiz 1.1-1.3

KEY

Name: _____ date: _____ hour: _____

Evaluate the expression. Leave all answers in simplest fraction form when necessary.

1. $4n - 6$ when $n = 8$

$$4(8) - 6 =$$
$$32 - 6 = \textcircled{26}$$

2. $\frac{2x-6}{5}$ when $x = 8$

$$\frac{2(8) - 6}{5}$$
$$\frac{10}{5} = \textcircled{2}$$

3. $2t^2 - 4$ when $t = 6$

$$2(6)^2 - 4$$
$$2(36) - 4 =$$
$$\textcircled{68}$$

Translate the verbal phrase into an expression.

4. 9 less than a number y .

$$y - 9$$

5. 7 more than a number t .

$$7 + t$$

6. Twice a number k divided by 11.

$$\frac{2k}{11}$$

7. The rental cost for a campsite is \$15 plus \$2 per person. Write an expression for the total cost. Then find the total cost for 4 people.

$$\boxed{15 + 2x}$$

$$15 + 2(4)$$

$$15 + 8 = \textcircled{23}$$