

## Warm Up Grade 7

1) In the expression  $6 + 8d$

-constant 6

- Coefficient 8

-Variable d

-Operation(s) add, multiply

2) If  $f = 3$  what does  $7f - 4$  equal?

$$\begin{array}{r} 7(3) - 4 \\ \hline 21 - 4 \\ \hline 17 \end{array}$$

# Finish sheet from yesterday

Homework Sheet Ex Prac 3 # 1-4  
Sheet 347# 1-4,7



## Math 7 Extra Practice 3

Name: \_\_\_\_\_

### Lesson 1.3: Algebraic Expressions

1. Write an algebraic expression for each statement.

Let \_\_\_\_\_

- a) Nine more than a number                      b) Eighteen times a number  
 c) A number divided by seven                      d) Twelve less than a number  
 e) Six more than eleven times a number                      f) Eight times a number is subtracted from 23  
 g) Thirteen subtracted from the product of three times a number

2. Write each algebraic expression in words. Then evaluate each expression for  $n = 6$ .

- a)  $4n$                       b)  $n + 8$                       c)  $\frac{n}{2}$                       d)  $7 + 3n$                       e)  $10n - 15$

- f)  $50 - 8n$

3. A person earns \$6/h shovelling snow. Find the money earned for each time.

- a) 4 h                      b) 9 h                      c)  $t$  hours

4. Which algebraic expression can be used to describe each phrase?

Circle the correct answer.

- a) A number decreased by 6                       $n - 6$                        $6 - n$                        $\frac{n}{6}$   
 b) A number divided by 2                       $a + \frac{1}{2}$                        $\frac{1}{2} - a$                        $\frac{a}{2}$   
 c) Double a number, then subtract 1.                       $2x - 1$                        $1 - 2x$                        $x^2 - 1$   
 d) Five less than four times a number                       $5 - 4n$                        $4n - 5$                        $4(n - 5)$   
 e) Twelve added to twice a number                       $2n + 12$                        $2(n + 12)$                        $12 - 2n$

## Attachments

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Extra Practice 3 Equations PDF.pdf