

SWBAT: EVALUATE  
VARIABLE EXPRESSIONS.

CH. 1-10

EVALUATE: means to solve

$$7g = 42$$

What does  $g = 6$

Evaluate  $12b$  for  $b=2$

$$12 \cdot 2 = \underline{24}$$

Plug in the  
VARIABLE

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Eval. @ for  $x=2, y=-3$   
 $z=10$ .

1.)  $x+5$       3.)  $3y$

2.)  $16-2$     4.)  $2z-5$

5.)  $2(z-x)$

$$3xy - 2z$$

$$3(2)(-3) - 2(10)$$

$$-18 + -20 = -38$$

$$25(6+2)(-8) \div 4 + 6$$

$$25(8)(-8) \div 4 + 6$$

$$200(-8) \div 4 + 6$$

$$-1,600 \div 4 + 6$$

$$-400 + 6 = -394$$

$$18 - 9(-4) + 105 \div (-5)$$

$$18 + (+36) + (-21)$$

$$54 + -21 = 33$$

$$49 - [37 - (29 - 84)] - 61$$

$$49 - [37 + (+55)] - 61$$

$$49 - 92 - 61$$

$$49 - 31 = 18$$

$$n + 5 < 9$$

These types of  
Expressions are  
called Inequalities

$$-3ab \text{ for } a = -2$$

$$b = 4$$

write out the  
problem

$$-3 \times -2 \times 4$$