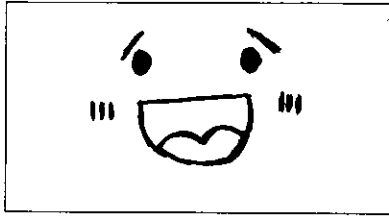


## BELL RINGER

Draw Symbol or Picture in Box-----(Place Names on Back of Sheet)



### Problem 3 Evaluating Algebraic Expressions

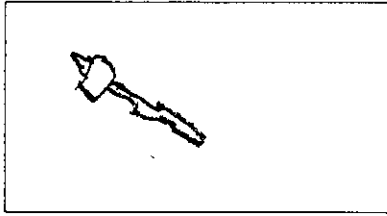
**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

$$3(4) - 3^2 = 3$$

BELL RINGER

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**Problem 3** Evaluating Algebraic Expressions

**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

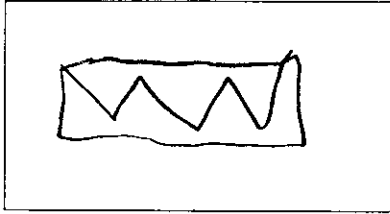
$$3b - a^2$$

$$3(4) - 3^2$$

$$25$$

## BELL RINGER

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### Problem 3 Evaluating Algebraic Expressions

**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

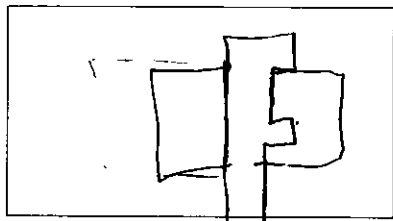
$$3(4) - (3)^2$$

$$12 - 9$$

$$3$$

## BELL RINGER

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### Problem 3 Evaluating Algebraic Expressions

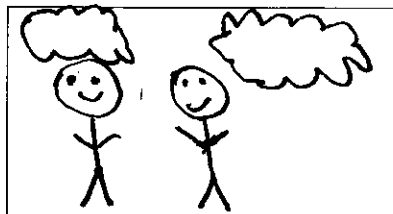
**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

$$34 - 9$$

## BELL RINGER

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### Problem 3 Evaluating Algebraic Expressions

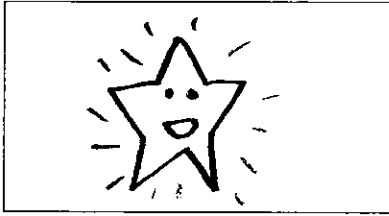
**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

$$3(4) - 3^2 = 25$$

## BELL RINGER

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### Problem 3 Evaluating Algebraic Expressions

**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

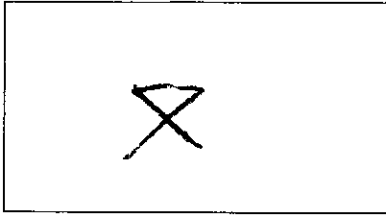
$$3b - a^2$$

1

$$3(4) - 3^2$$
$$12 - 9 = 3$$

## BELL RINGER

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### Problem 3 Evaluating Algebraic Expressions

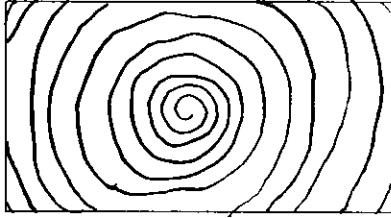
**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

$$3(4) - 3^2$$

BELL RINGER

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**Problem 3** Evaluating Algebraic Expressions

**Got It?** What is the value of the expression when  $a = 3$  and  $b = 4$ ?

$$3b - a^2$$

Step 1: Plug in  $\rightarrow 3(4) - 3^2$

Step 2: PEMDAS  $\rightarrow 3(4) - 9$



$$12 - 9$$



$$\boxed{3}$$