



# 5-Minute Check

Transparency 1-2

(over Lesson 1-1)

BELL EXERCISE 1A ~ THURSDAY 8-17-06

Write an algebraic expression for each verbal expression.

1. the difference of 12 and  $n$
2. four times the square of  $n$

← (Words TO Algebra)

3. Evaluate  $7^3$ .

4. Write a verbal expression for  $2c^2 + d$ .

← (Algebra to words)

5. Mechanical pencils sell for \$0.79 each, and pens sell for \$0.89 each. Write an expression for the cost of  $m$  pencils and  $p$  pens.

6. **Standardized Test Practice** What is 8 less than three times  $n$ ?

(A)  $n + (3 \times 8)$

(B)  $8 - 3n$

(C)  $3n - 8$

(D)  $n - (3 \times 8)$

LOOK

## ANSWERS

1.  $12 - n$

2.  $4n^2$

3. 343

4. two times the square of a number  $c$  plus a number  $d$

5.  $0.79m + 0.89p$

6. C

Pg 8

⑪ the sum of ... AND

$$\boxed{\dots + \dots}$$

⑫ the sum of a number AND

$$\boxed{N + \dots}$$

⑬ the product of 16 AND P

⇓  
MULTIPLY

$$\boxed{16P}$$

NOT  $16 \cdot P$

⑭ the product of 5 AND a number

$$\boxed{5N}$$

⑮ 49 increased

a number

$$\boxed{49 + 2N}$$

⑯ 18 AND three times d

$$\boxed{18 + 3d}$$

①9 SAVING FOR COMPUTER.

Amount SAVED if:  $S$  is dollars SAVED ALREADY  
 $d$  is dollars SAVED per week  
12 is number of weeks to save

∴ Amount SAVED is  $S + 12d$

💡 Check by using some simple numbers, for example, how would you find the amount saved if you had \$50 in bank and saved \$10 per week for 12 weeks? Would the expression work?

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②1  $6^2 = 36$     ②2  $8^2 = 64$     ②3  $3^4 = 81$

②4  $6^3 = 216$     ②5  $3^5 = 243$

How do you read this?

$$4(x + 1) - 2$$

"four times the quantity  
x plus one"; minus 2

or

"four times the group  
x plus one"; minus 2

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④

Going backwards, writing verbal  
expressions from algebraic expressions.

see Ex. 4, Pg 7

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Class Practice:

- Pg. 8 # 1-10 (Guided Practice)

- Pg 10 Read the 3 paragraph  
introduction carefully, do  
problems # 1-8, +

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Quiz tomorrow (Friday) over  
Ch. 1-1.