

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

## Translating Phrases

ES1

Translate each verbal phrase into an algebraic equation or inequality.

1) The product of 5 and  $q$  is greater than 30

\_\_\_\_\_

2) Twice the square of  $b$  is equal to 8

\_\_\_\_\_

3) The differer

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\_\_\_\_\_

4) The total of

\_\_\_\_\_

5) One added

\_\_\_\_\_

6) The differer

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\_\_\_\_\_

7) The quotier

\_\_\_\_\_

8) The sum of  $z$  and 7 is not equal to 9

\_\_\_\_\_

9) The cube of  $t$  is less than 12

\_\_\_\_\_

10) One-fourth of the sum of 6 and 2 times  $c$  is 3

\_\_\_\_\_

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## Answer Key

### Translating Phrases

ES1

Translate each verbal phrase into an algebraic equation or inequality.

1) The product of 5 and q is greater than 30

$$\underline{5q > 30}$$

2) Twice the square of b is equal to 8

$$\underline{2b^2 = 8}$$

3) The differer

$$\underline{23 - 3y \neq 15}$$

4) The total of

$$\underline{p + q + r \leq 25}$$

5) One added

$$\underline{1 + \frac{m}{3} < 2}$$

6) The differer

$$\underline{n - 5 = 18}$$

7) The quotier

$$\underline{\frac{x}{4} \geq 6}$$

8) The sum of z and 7 is not equal to 9

$$\underline{z + 7 \neq 9}$$

9) The cube of t is less than 12

$$\underline{t^3 < 12}$$

10) One-fourth of the sum of 6 and 2 times c is 3

$$\underline{\frac{6 + 2c}{4} = 3}$$

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