

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

## Translating Phrases: One-Step Equations

ES2

Translate each verbal phrase into an algebraic equation.

1) Difference between  $n$  and 14 is 2

\_\_\_\_\_

2)  $k$  increased by 5 gives 8

\_\_\_\_\_

3) 5 times  $g$  is

\_\_\_\_\_

4) Total of  $q$  and

\_\_\_\_\_

5) One-third of

\_\_\_\_\_

6) Product of

\_\_\_\_\_

7) Subtract 12

\_\_\_\_\_

8) Quotient of  $r$  and  $s$  is  $z$

\_\_\_\_\_

9) Sum of 13 and  $h$  is equal to 36

\_\_\_\_\_

10) 7 multiplied by  $t$  is 28

\_\_\_\_\_

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## Answer Key

### Translating Phrases: One-Step Equations

ES2

Translate each verbal phrase into an algebraic equation.

1) Difference between  $n$  and 14 is 2

$$\underline{n - 14 = 2}$$

2)  $k$  increased by 5 gives 8

$$\underline{k + 5 = 8}$$

3) 5 times  $g$  is 15

$$\underline{5g = 15}$$

4) Total of  $q$  and 1 is 26

$$\underline{q + 1 = 26}$$

5) One-third of  $y$  is 4

$$\underline{\frac{y}{3} = 4}$$

6) Product of  $p$  and 3 is 9

$$\underline{3p = 9}$$

7) Subtract 12 from  $z$  and the result is 10

$$\underline{z - 12 = 10}$$

8) Quotient of  $r$  and 6 is 2

$$\underline{\frac{r}{6} = 2}$$

9) Sum of 13 and  $h$  is equal to 36

$$\underline{13 + h = 36}$$

10) 7 multiplied by  $t$  is 28

$$\underline{7t = 28}$$

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