

Name : _____

Translating Phrases

ES2

Translate each verbal phrase into an algebraic equation or inequality.

1) Multiplying x , y and z gives 17

2) One-fifth of d added to 1 is at least 3

3) Difference k

4) 6 plus three

5) 7 times r is l

6) The square

7) 21 diminish

8) Thrice n decreased by 1 is not equal to n and

9) Ratio of b to 9 is greater than 3

10) Sum of s and t is lesser than 25

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Answer Key

Translating Phrases

ES2

Translate each verbal phrase into an algebraic equation or inequality.

1) Multiplying x, y and z gives 17

$$\underline{xyz = 17}$$

2) One-fifth of d added to 1 is at least 3

$$\underline{\frac{d}{5} + 1 \geq 3}$$

3) Difference k

$$\underline{2t - 13 > 27}$$

4) 6 plus three

$$\underline{6 + \frac{3k}{4} \neq 23}$$

5) 7 times r is l

$$\underline{7r \leq 21}$$

6) The square

$$\underline{m^2 + 5 = 30}$$

7) 21 diminish

$$\underline{21 - 4c < 19}$$

8) Thrice n decreased by 1 is not equal to nain

$$\underline{3n - 1 \neq \frac{1}{2}}$$

9) Ratio of b to 9 is greater than 3

$$\underline{\frac{b}{9} > 3}$$

10) Sum of s and t is lesser than 25

$$\underline{s + t < 25}$$

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