

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

## Translating Phrases - Linear Expression

DS2

Translate each verbal phrase into an algebraic expression.

1) 24 plus 6 times x, multiplied by 9 \_\_\_\_\_

2) The product of one-quarter and total of two-fifths of k and one-third \_\_\_\_\_

3) The difference \_\_\_\_\_

4) The product of 8 times z and \_\_\_\_\_

5) 5 times one- \_\_\_\_\_

6) The sum of s \_\_\_\_\_

7) Multiply 10 a \_\_\_\_\_

8) One-half of total of one-third and nine times t \_\_\_\_\_

9) The sum of 11 times x and 25, multiplied by four-fifths \_\_\_\_\_

10) 32 decreased by the product of 5 and w, multiplied by 8 \_\_\_\_\_

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**Translating Phrases - Linear Expression**

Translate each verbal phrase into an algebraic expression.

1) 24 plus 6 times x, multiplied by 9

$$\underline{9(24 + 6x)}$$

2) The product of one-quarter and total of two-fifths of k and one-third

$$\underline{\frac{1}{4} \left( \frac{2k}{5} + \frac{1}{3} \right)}$$

3) The difference

$$\underline{\frac{3b - 15}{8}}$$

4) The product of 8 times z and

$$\underline{\frac{7}{2} (8z - 13)}$$

5) 5 times one-

$$\underline{5 \left( 3t - \frac{1}{6} \right)}$$

6) The sum of s

$$\underline{\frac{7y + 8}{3}}$$

7) Multiply 10 a

$$\underline{10(4v - 20)}$$

8) One-half of total of one-third and nine times t

$$\underline{\frac{1}{2} \left( \frac{1}{3} + 9t \right)}$$

9) The sum of 11 times x and 25, multiplied by four-fifths

$$\underline{\frac{4}{5} (11x + 25)}$$

10) 32 decreased by the product of 5 and w, multiplied by 8

$$\underline{8(32 - 5w)}$$

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