

Translating Phrases - Linear Expression

DS1

Translate each verbal phrase into an algebraic expression.

1) Two times the difference between seven times x and four _____

2) Sum of eight and product of 6 and y is multiplied by three-fifths _____

3) Three divided by _____

4) Thrice of product of _____

5) One-quarter of _____

6) One-half times _____

7) Total of seven _____

8) The ratio of thrice of x minus six to five _____

9) Multiply 5 and sum of twice of d and ten _____

10) Product of one-seventh and double of y minus one-half _____

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Answer Key**Translating Phrases - Linear Expression**

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Translate each verbal phrase into an algebraic expression.

1) Two times the difference between seven times x and four $\underline{2(7x - 4)}$

2) Sum of eight and product of 6 and y is multiplied by three-fifths $\underline{\frac{3}{5}(8 + 6y)}$

3) Three divided by the difference between twice g and nine $\underline{\frac{2g - 9}{3}}$

4) Thrice of product of b and 5 minus 2 $\underline{3(5b - 2)}$

5) One-quarter of the sum of x divided by 2 and 6 $\underline{\frac{1}{4}\left(\frac{x}{2} + 6\right)}$

6) One-half times the difference between 14 and 4z $\underline{\frac{1}{2}(14 - 4z)}$

7) Total of seven times c and one-sixth $\underline{\frac{7c}{4} + \frac{1}{6}}$

8) The ratio of thrice of x minus six to five $\underline{\frac{3x - 6}{5}}$

9) Multiply 5 and sum of twice of d and ten $\underline{5(2d + 10)}$

10) Product of one-seventh and double of y minus one-half $\underline{\frac{1}{7}\left(2y - \frac{1}{2}\right)}$

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