

Name : _____

Translating Phrases: Single-Variable

MS2

Translate each verbal phrase into an algebraic expression.

1) One-half of r reduced by three-sevenths

2) Add 1 to the square of j

3) One-third of m

4) Difference between a and b

5) The quotient of a and b

6) p raised to the power of q

7) 17 divides the product of a and b

8) d raised to the fifth power less than 10

9) Four-fifths of x increased by 9

10) 15 multiplied by the cube of h

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Translating Phrases: Single-Variable

Translate each verbal phrase into an algebraic expression.

1) One-half of r reduced by three-sevenths $\frac{1}{2}r - \frac{3}{7}$

2) Add 1 to the square of j $1 + j^2$

3) One-third of m plus 8 $8u + \frac{1}{3}$

4) Difference between e^3 and 14 $e^3 - 14$

5) The quotient of 2 and c plus $\frac{1}{6}$ $\frac{2}{5} + \frac{c}{6}$

6) p raised to the sixth power p^6

7) 17 divides the difference of b and 4 $\frac{b - 4}{17}$

8) 10 minus d raised to the fifth power $10 - d^5$

9) Four-fifths of x increased by 9 $\frac{4}{5}x + 9$

10) 15 multiplied by the cube of h $15h^3$

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