Algebraic Expressions Translate Phrases Worksheet Hard
Math Exercise: Translate phrases into algebraic expressions

1) Five-sixths of the sum of 7 and x minus the product of 3 and p _____

2) One-half of the sum of f and 9 minus the product of 2 and k _____

3) s cubed minus the product of 8 and m plus 9 _____

4) One-half of the sum of 6 and g plus the product of 5 and h _____

5) The sum of five-sixths of s, three-fourths of x, and 5 _____

6) The sum of two-thirds of h and one-fifth of k, minus 6 _____

7) Five-sixths of the sum of y and 4 plus the product of 5 and r _____

8) s squared plus the product of 2 and g plus 3 _____

9) Two-fifths of x is added to the product of 3 and y _____

10) The product of d and 7 is subtracted from four-fifths of k _____

NAME: _____

DATE: _____

TEACHER: _____

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1) Five-sixths of the sum of 7 and x minus the product of 3 and p

$$\frac{5}{6}(7+x) - 3p$$

2) One-half of the sum of f and 9 minus the product of 2 and k

$$\frac{1}{2}(f+9) - 2k$$

3) s cubed minus the product of 8 and m plus 9

$$s^3 - 8m + 9$$

4) One-half of the sum of 6 and g plus the product of 5 and h

$$\frac{1}{2}(6+g) + 5h$$

5) The sum of five-sixths of s, three-fourths of x, and 5

$$\frac{5}{6}s + \frac{3}{4}x + 5$$

6) The sum of two-thirds of h and one-fifth of k, minus 6

$$\frac{2}{3}h + \frac{1}{5}k - 6$$

7) Five-sixths of the sum of y and 4 plus the product of 5 and r

$$\frac{5}{6}(y+4) + 5r$$

8) s squared plus the product of 2 and g plus 3

$$s^2 + 2g + 3$$

9) Two-fifths of x is added to the product of 3 and y

$$\frac{2}{5}x + 3y$$

10) The product of d and 7 is subtracted from four-fifths of k

$$\frac{4}{5}k - 7d$$