Math Worksheets

Variables and Expressions

✏️ Write a verbal expression for each algebraic expression.

1) $3a - 7b$

2) $8.2c^2 + 5d$

3) $x - 19.5$

4) $\dfrac{90}{6}$

5) $x^2 + y^3$

6) $4x + 9$

7) $x^2 - 6y + 15$

8) $x^3 + 7y^2 - 6$

9) $\dfrac{1}{5}x + \dfrac{1}{4}y - 11$

10) $\dfrac{1}{7}(x + 13) - 18.6y$

✏️ Write an algebraic expression for each verbal expression.

11) 14 less than h

12) The product of 19 and a

13) The 23.2 divided by K

14) The product of 7 and the third power of x

15) 14 more than h to the sixth power

16) 30 more than triple d

17) One eighth the square of b

18) The difference of 42.5 and 3 times a number

19) 73 more than the cube of a number

20) one-quarters the cube of a number

Answer Worksheets

Variables and Expressions

1) 3 times a minus 7 times b.

2) 8.2 times c squared plus 5 times d.

3) a number minus 19.5.

4) the quotient of 90 and 6.

5) x squared plus y cubed.

6) the product of 4 and x plus 9.

7) x squared plus the product of 6 and y plus 15.

8) x cubed plus the product of 7 and y squared minus the product of 6 and y.

9) the sum of one–fifth of x and one–quarters of y, minus 11.

10) one–seventh of the sum of x and 13 minus the product of 18.6 and y.

11) $14 < h$

12) $19a$

13) $\dfrac{23.2}{K}$

14) $7x^3$

15) $14 > h^6$

16) $3d < 30$

17) $\dfrac{1}{8}b^2$

18) $42.5 - 3a$

19) $73 > a^3$

20) $\dfrac{1}{4}x^3$