

Verbal Equations

Algebraic Equations

Name: _____ Date: _____



Rewrite each as an algebraic equation.

(1) nineteen is equal to twelve divided by z (2) 15 equals x increased by thirty-eight

(3) sixteen is equal to d plus 37

(4) b decreased by twenty-four equals r

(5) y equals the product of nine and t

(6) 18 is equal to six divided by s

(7) h times 31 is equal to 18

(8) thirty-six times p equals k

(9) w equals the difference between twelve and n

(10) n equals the product of m and twenty-eight

(11) a decreased by thirteen equals c

(12) f equals q divided by 11

(13) w equals e increased by seventeen

(14) 25 equals g decreased by 9

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ANSWER KEY



Rewrite each as an algebraic equation.

- (1) nineteen is equal to twelve divided by z (2) 15 equals x increased by thirty-eight

$$19 = \frac{12}{z}$$

$$15 = x + 38$$

- (3) sixteen is equal to d plus 37

$$16 = d + 37$$

- (4) b decreased by twenty-four equals r

$$b - 24 = r$$

- (5) y equals the product of nine and t

$$y = 9t$$

- (6) 18 is equal to six divided by s

$$18 = \frac{6}{s}$$

- (7) h times 31 is equal to 18

$$31h = 18$$

- (8) thirty-six times p equals k

$$36p = k$$

- (9) w equals the difference between twelve and n

$$w = 12 - n$$

- (10) n equals the product of m and twenty-eight

$$n = 28m$$

- (11) a decreased by thirteen equals c

$$a - 13 = c$$

- (12) f equals q divided by 11

$$f = \frac{q}{11}$$

- (13) w equals e increased by seventeen

$$w = e + 17$$

- (14) 25 equals g decreased by 9

$$25 = g - 9$$