

Review

3.1-3.2

Key Vocabulary

Algebraic Expression

Coefficient

Constant

Term

Evaluate

Key Words

+

-

×

÷

Practice

Write the phrase as an expression.

- 1) Three times a number
- 2) Three more than a number
- 3) Three decreased by a number
- 4) One third of a number
- 5) Eight more than three times a number
- 6) Eleven less than three times a number
- 7) Five times the sum of a number and 8
- 8) Two more than five eighths of a number

Practice

Write the phrase as an expression.

9) Eleven times the sum of six and a number

10) A number divided by the sum of 2 and another number

11) Three times a number plus fifty eight

12) One hundred less than a number

13) One half a number minus three

14) Two less than twice a number

15) Three less than one third a number

Why Did the Cow Keep Jumping Over the Barrel?

Translate each phrase below into an algebraic expression and find your answer in the corresponding answer column.
Write the letter of that exercise in the box that contains the number of the answer.

- (E) 3 times a number
(O) 3 more than a number
(S) 3 decreased by a number
(R) 3 less than a number
(A) one third of a number
(I) 8 more than 3 times a number
(N) 8 less than 3 times a number

- (18) $x + 3$
(15) $3x - 8$
(19) $x - 3$
(12) $3x + 8$
(3) $3x$
(25) $3 - x$
(5) $\frac{x}{3}$

- (S) 5 times a number, increased by 8
(A) 5 times the sum of a number and 8
(H) 5 more than 8 times a number
(O) 8 times the sum of a number and 5
(C) twice the sum of 5 times a number and 8
(T) 2 more than five eighths of a number
(W) 8 times the sum of twice a number and 5

- (22) $8(x + 5)$
(4) $8(2x + 5)$
(2) $8x + 5$
(13) $2(5x + 8)$
(6) $5x + 8$
(20) $5(x + 8)$
(11) $\frac{5}{8}x + 2$

- (A) 7 less than 4 times a number
(S) 7 decreased by 4 times a number
(G) 9 less than twice a number
(N) 9 decreased by twice a number
(O) 9 less than half a number
(I) 7 times a number, increased by 4
(R) 7 times a number, increased by 4 times the number

- (1) $7 - 4x$
(16) $2x - 9$
(14) $7x + 4$
(9) $4x - 7$
(8) $7x + 4x$
(24) $9 - 2x$
(27) $\frac{x}{2} - 9$

- (T) 9 meters higher than altitude x
(F) 15 meters per second slower than speed x
(P) 15°C hotter than temperature x
(O) 9 meters shorter than twice length x
(C) 9 years older than twice age x
(H) \$9 cheaper than 4 times price x
(M) 9 centimeters less than three fourths of length x

- (7) $x + 15$
(28) $x + 9$
(26) $4x - 9$
(23) $2x - 9$
(10) $2x + 9$
(17) $x - 15$
(21) $\frac{3}{4}x - 9$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
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