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Algebra and operations

Algebra and Operations

93.3%

Points: 14 out of 15
Duration: 00:20:02
Date started: Thu 24 Sep '20 8:37pm
Date finished: Thu 24 Sep '20 8:57pm

Statistics by Category

Answers

✔ Correctly answered   ✘ Incorrectly answered   ➡ Missed correct option

All Questions │ **14** Correct │ **1** Incorrect

Question 1 of 15
Elementary Math

Jenny and Riley went apple picking. Riley picked seven more than twice the amount of apples Jenny picked. If Jenny picked x apples, how many apples did Riley pick? Write your answer as an expression.

Correct answer: **C)**
Selected answer: **C)**

- **A)** x+7
- **B)** 2x
- ✔ **C)** 2x+7
- **D)** 7

Points: 1 out of 1

Question 2 of 15
Elementary Math

Amelia has $5 fewer than Danny. If Danny has u dollars, how many dollars does Amelia have? Write your answer as an expression.

Correct answer: **D)**
Selected answer: **D)**

- **A)** 5u
- **B)** u+5
- **C)** u
- ✔ **D)** u–5

Points: 1 out of 1

Question 3 of 15
Elementary Math

Kim is now five times the weight she was when she was born. If she weighed g pounds when she was born, how much does she weigh now? Write your answer as an expression.

Correct answer: **C)**
Selected answer: **C)**

    A) .2g

    B) g

✔ **C)** 5g

    D) g+5

Points: 1 out of 1

Question 4 of 15
Elementary Math

For desert, Ben's mom bought a pie. If there are 8 members of Ben's family and they all split the pie equally, write an expression showing how much pie each person gets. Represent the whole pie with variable p.

Correct answer: **D)**
Selected answer: **D)**

    A) 8p

    B) p+8

    C) p-8

✔ **D)** $p/_8$

Points: 1 out of 1

Question 5 of 15
Elementary Math

Ava is part of the swim team. To be on the swim team you need to pay a fee plus the cost of a team swimsuit. If the swimsuit costs $50 and the fee is e dollars, what is the total cost to be on the swim team? Write your answer as an expression.

Correct answer: **B)**
Selected answer: **B)**

    A) 50e

✔ **B)** e+50

    C) 50-e

    D) 50

Points: 1 out of 1

Question 6 of 15
Elementary Math

If the width of a garden is 5 cm greater than 3 times the length and the length is represented as q, what is the width of the garden?

Correct answer: **A)**
Selected answer: **A)**

✔ **A)** 3q+5

    B) 5q-3

C) q+5

D) 3

Points: 1 out of 1

Question 7 of 15

Elementary Math

Solve this expression

11 + (-19) − 1

Correct answer: **B)**
Selected answer: **B)**

    A) 19

✔ **B)** −9

    C) 20

    D) 7

Points: 1 out of 1

Question 8 of 15

Generic

What is
−10x5+(12/3)−10

Correct answer: **B)**
Selected answer: **B)**

    A) −65

✔ **B)** −56

    C) 44

    D) −78

Points: 1 out of 1

Question 9 of 15

Generic

What is the constant term in the following expression?
2x+5y−5xy−7

Correct answer: **B)**
Selected answer: **B)**

    A) 7

✔ **B)** −7

    C) 5

    D) −5

Points: 1 out of 1

Question 10 of 15

Generic

What is the value of this expression?
25-50x2+113-(105-25)

Correct answer: **C)**
Selected answer: **C)**

    A) 42

    B) 52

✔ **C)** -42

    D) -62

Points: 1 out of 1

Question 11 of 15
Generic

Find the value of expression, if a=-5 and b=5.
5a-5b

Correct answer: **C)**
Selected answer: **B)**

    A) 50

✖ **B)** 0

➡ **C)** -50

    D) 100

Points: 0 out of 1

Question 12 of 15
Generic

What is the value of expression:
100x3-54+63-(52/13)-(-60+20)

Correct answer: **C)**
Selected answer: **C)**

    A) 265

    B) 255

✔ **C)** 345

    D) -345

Points: 1 out of 1

Question 13 of 15
Generic

Find the value of expression, if m=-2 ,n=8 and p=5.
5n-(m+p)-mp+mnp

Correct answer: **D)**
Selected answer: **D)**

    A) 23

    B) 0

    C) 33

✓ **D)** -33

Points: 1 out of 1

Question 14 of 15

Generic

Find the value.
(50/5)-(65/13)-5

Correct answer: **A)**
Selected answer: **A)**

✓ **A)** 0

   B) 5

   C) 35

   D) 55

Points: 1 out of 1

Question 15 of 15

Generic

What is the expression for this statement?
The sum of the square of m and 6.

Correct answer: **B)**
Selected answer: **B)**

   A) $(m+6)^2$

✓ **B)** $m^2 + 6$

   C) m^2+6^2

   D) None of the above

Points: 1 out of 1

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