

Name : _____

Nested parentheses in PEMDAS

L2DS2

Solve.

1) $17 + (3 \times (3^2 - 5) \div 3) - 6$

Ans =

2) $8 + 5^3 - (14 + (32 - 17)) \times 4 \div 2$

Ans =

3) $4 + 27 \div (51 \div (1 +$

Ans =

$11 + 7^2$

5) $21 + ((6 \div 3) \times 4 + 8$

Ans =

$\cdot 8 + 5$

7) $24 + 18 \div ((7^2 - 5) -$

Ans =

$5 + 7))$

9) $36 \div (4 + (3 \times 8) - 19) - 5^3$

Ans =

10) $((18 + 12^2) \div (6 \times 3)) + 8 - 2$

Ans =

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Name : _____

Answer Key

Nested parentheses in PEMDAS

L2DS2

Solve.

1) $17 + (3 \times (3^2 - 5) \div 3) - 6$

Ans =

15

2) $8 + 5^3 - (14 + (32 - 17)) \times 4 \div 2$

Ans =

75

3) $4 + 27 \div (51 \div (1 +$

Ans =

20

$11 + 7^2$

5) $21 + ((6 \div 3) \times 4 + 8$

Ans =

36

$8 + 5$

7) $24 + 18 \div ((7^2 - 5) -$

Ans =

30

$5 + 7))$

Ans =

-14

9) $36 \div (4 + (3 \times 8) - 19) - 5^3$

Ans =

-121

10) $((18 + 12^2) \div (6 \times 3)) + 8 - 2$

Ans =

15

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