

Name:

PEMDAS Worksheet

Simplify using PEMDAS rule.

1 $20 \div [4 - (10 - 8)]$

2 $9 \times (40 - 29) - (28 - 23)$

3 $\{21 - [2 \times (7 + 2^2)]\} + 14$

4 $6^2 \div [(-7) - (-5) + 4]^2 \times 9$

5 $8 \times (11 - 3) - (4 \times 9 - 5)$

6 $(12 - 7) \times (33 - 26) - 45 \div 5$

7 $2 \times 6 \div (8 - 2) - 2^3 + 3 \times 4$

8 $\{5 + [2^3 \times 4 - (1 + 2)^2]\} - 80$

9 $(66 \div 11) \times [26 + (27 \div 9) - 9]$

10 $(4^2 \div 2^4) \times [5 + (16 \times 3)]$

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Answers

1 $20 \div [4 - (10 - 8)]$

10

2 $9 \times (40 - 29) - (28 - 23)$

94

3 $\{21 - [2 \times (7 + 2^2)]\} + 14$

17

4 $6^2 \div [(-7) - (-5) + 4]^2 \times 9$

81

5 $8 \times (11 - 3) - (4 \times 9 - 5)$

33

6 $(12 - 7) \times (33 - 26) - 45 \div 5$

26

7 $2 \times 6 \div (8 - 2) - 2^3 + 3 \times 4$

6

8 $\{5 + [2^3 \times 4 - (1 + 2)^2]\} - 80$

-52

9 $(66 \div 11) \times [26 + (27 \div 9) - 9]$

120

10 $(4^2 \div 2^4) \times [5 + (16 \times 3)]$

53