

Name: Score:

Order of Operations

Parentheses, Brackets, and Braces

Evaluate each expression.

1 $2^4 + \{14 - [16 + (39 \div 3)]\}$

2 $5^3 + \{2^2 + [27 \div (3 \times 3)]\}$

3 $2 \times \{3 + [7 \times (69 \div 23) - 10]\}$

4 $(21 \times 3) - [(56 \div 8) - 2]$

5 $3 + [6(11 + 1 - 4)] \div 8 \times 2$

6 $2\{8^2 - 7[32 - 4(3^2 + 1)](-1)\}$

7 $2\{1 + [4(2 + 1) + 3]\}$

8 $[15 - [3(2 + 1) + 1]] \times 4$

Name: Score:

Order of Operations

Answers

1 $2^4 + \{14 - [16 + (39 \div 3)]\}$

11

2 $5^3 + \{2^2 + [27 \div (3 \times 3)]\}$

132

3 $2 \times \{3 + [7 \times (69 \div 23) - 10]\}$

28

4 $(21 \times 3) - [(56 \div 8) - 2]$

58

5 $3 + [6(11 + 1 - 4)] \div 8 \times 2$

15

6 $2\{8^2 - 7[32 - 4(3^2 + 1)](-1)\}$

16

7 $2\{1 + [4(2 + 1) + 3]\}$

32

8 $[15 - [3(2 + 1) + 1]] \times 4$

20