

Name:

Order of Operations

Solve the following using PEMDAS

1) $(12 \div 2) \times 5^2 - 8$

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

3) $9 \times [(-3) + 4 - (-2)^2]$

4) $(14^2 \times 15) - (2^2 + 20)$

5) $4^2 + (8 - 2)^2 \div 4$

6) $(15^2 - 9) \times 2 - 15$

7) $(6^2 + 4) \div (18 - 14)$

8) $(6^2 + 18 - 8) \div 2$

Name:

Order of Operations

Answers

1) $(12 \div 2) \times 5^2 - 8$

142

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

189

3) $9 \times [(-3) + 4 - (-2)^2]$

-27

4) $(14^2 \times 15) - (2^2 + 20)$

2,916

5) $4^2 + (8 - 2)^2 \div 4$

25

6) $(15^2 - 9) \times 2 - 15$

417

7) $(6^2 + 4) \div (18 - 14)$

10

8) $(6^2 + 18 - 8) \div 2$

23