

Name: Date:

Solving Using PEMDAS

Order of Operations

Solve the following:

① $10^2 \div 5 - 3 \times 5$

② $5^3 \div (2 \times 8 - 11)$

③ $(11 + 7) \div 9 \times 4^3$

④ $8^2 \div (3 + 11 - 12)$

⑤ $(11^2 - 8 + 12) \times 3$

⑥ $5 \times (4 + 17 + 10) - 11^2$

⑦ $6 - 7 \times 3^2 + 2$

⑧ $(-3) \times 9 - 3^2 + 4$

⑨ $2 \times 5^2 - 10 \div 5$

⑩ $4 \times 6 + 2^2 - 10$

Name: Date:

Solving Using PEMDAS

Answers

① $10^2 \div 5 - 3 \times 5$

5

② $5^3 \div (2 \times 8 - 11)$

25

③ $(11 + 7) \div 9 \times 4^3$

128

④ $8^2 \div (3 + 11 - 12)$

32

⑤ $(11^2 - 8 + 12) \times 3$

375

⑥ $5 \times (4 + 17 + 10) - 11^2$

34

⑦ $6 - 7 \times 3^2 + 2$

-55

⑧ $(-3) \times 9 - 3^2 + 4$

-32

⑨ $2 \times 5^2 - 10 \div 5$

48

⑩ $4 \times 6 + 2^2 - 10$

18