

9.) $157 - 29 + 23 \cdot 9 =$ _____

10.) $91 \div 7 + 6 =$ _____

11.) $187 - 34 \div 17 =$ _____

Evaluate each expression.

12.) $2(5 + 4) \div 9$

13.) $12 - 7 \cdot 3 + 9^2$

14.) $3 - 1 + 24 \div 6$

15.) $7 + 6 \div 2 \cdot 10$

Given that $a = 5$, $b = 3$, and $c = 4$, evaluate each expression.

16.) $a + b - c$

19.) $(a + b) \cdot c$

17.) $a^2 + b^2$

20.) $a^2 - b^2 - c$

18.) $a^2 - b^2$

21.) $a^2 - (b + c)$

Name: _____

Date: _____

Hour: _____

Homework 1.4: Order of Operations

Simplify using the correct order of operations. If answers are not exact, round them to the nearest thousandth.

1.) $57 \cdot 29 + 89 =$ _____

2.) $7.2 (9.8) + 1.2 =$ _____

3.) $89 + 57 \cdot 29 =$ _____

4.) $0.3 (1.5) + 9 =$ _____

5.) $4.5 (7.5) + 9.0 (2.4) =$ _____

6.) $\frac{28+59}{97-17} =$ _____

7.) $\frac{9.6-1.7}{7.2+0.7} =$ _____

8.) $\frac{43 \cdot 91}{8 \cdot 25} =$ _____