

Name: _____

Ch. 1 Review

Evaluate the power. (1.1)

1) 10^2

2) 2^5

3) 1^{10}

Evaluate the expression. (1.1)

4) $8 + 3 \cdot (7 - 5)$

5) $\frac{10 + 5}{3}$

6) $(5 - 2)^3 - 1 + 4^2$

7) $20 - 8 \div 2 + 1$

Write the absolute value and opposite of the integer. (1.2)

8) -29

9) 365

Complete the statement with $<$, $>$, or $=$. (1.2)

10) $|8|$ 8

11) -5 1

Find the distance between the two numbers on a number line. (1.4)

12) -3 and 14

13) -6 and -13

Evaluate the expression for the given variable. (1.1)

14) $6x+3$; $x=5$

15) $12c-4$; $c=12$

Find the sum, difference, product, or quotient. (1.3-1.6)

16) $-30-12$

17) $-15+(-27)$

18) $4(-12)$

19) $\frac{0}{-15}$

20) $\frac{-24}{-8}$

21) $16-(-17)$

Find the mean. (1.6)

22) $-8, 10, -9, 16, -4, 7$

Use distributive property to solve. (1.8)

23) $5(x+4)$

24) $3(11-15)$

25) $-8(t+2)$