

**LESSON****1-1****Chapter 1 Assessment 1 Review*****Estimating with Whole Numbers***

**Estimate each sum or difference by rounding to the greatest place value.**

1.  $651 + 124$

2.  $344 - 175$

3.  $1,862 + 1,403$

4.  $25,661 + 11,706$

5.  $59,210 - 24,337$

6.  $542,901 + 251,504$

**Estimate each product or quotient.**

7.  $76 \times 3$

8.  $124 \div 3$

9.  $57 \times 4$

10.  $538 \div 6$

11.  $352 \div 7$

12.  $179 \times 8$

13. The greatest depth of the Sea of Japan is 12,276 feet. The Bering Sea is 3,383 feet deeper than the Sea of Japan. The Caribbean Sea is 7,129 feet deeper than the Bering Sea. About how deep is the Bering Sea? the Caribbean Sea?

**LESSON****1-2*****Exponents***

**Write each expression in exponential form.**

14.  $5 \times 5 \times 5 \times 5$

15.  $2 \times 2 \times 2 \times 2 \times 2 \times 2$

16.  $10 \times 10 \times 10 \times 10$

**Find each value.**

17.  $6^2$

18.  $5^3$

19.  $10^3$

20.  $7^2$

21. What whole number equals 25 when it is squared and 125 when it is cubed? \_\_\_\_\_

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Simplify each expression.

22.  $10 + 6 \times 2$   
\_\_\_\_\_

23.  $(15 + 39) \div 6$   
\_\_\_\_\_

24.  $2(20 - 15) + 1$   
\_\_\_\_\_

25.  $(4^2 + 6) \div 11$   
\_\_\_\_\_

26.  $9 + (7 - 1)^2 \times 2$   
\_\_\_\_\_

27.  $(2 \times 4) + 8 - (5 \times 3)$   
\_\_\_\_\_

28. Tyler walked 2 miles a day for the first week of his exercise plan. Then he walked 3 miles a day for the next 9 days. How many miles did Tyler walk in all? \_\_\_\_\_