

## Grade 6 Chapter 1 Review

### Multiple Choice

Identify the choice that best completes the statement or answers the question.

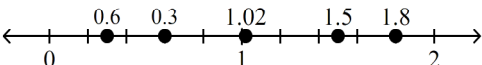

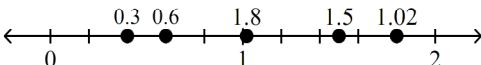
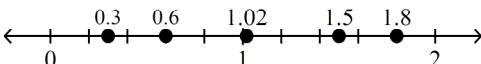
#### Order the numbers from least to greatest.

- \_\_\_\_\_ 1. 4,220; 2,009; 4,718; 2,976  
 a. 4,718; 4,220; 2,976; 2,009  
 b. 2,009; 2,976; 4,220; 4,718  
 c. 4,220; 2,976; 4,718; 2,009  
 d. 2,009; 4,220; 2,976; 4,718
- \_\_\_\_\_ 2. 0.065, 0.033, 0.049, 0.031  
 a. 0.065, 0.033, 0.049, 0.031  
 b. 0.033, 0.049, 0.065, 0.031  
 c. 0.065, 0.049, 0.033, 0.031  
 d. 0.031, 0.033, 0.049, 0.065
- \_\_\_\_\_ 3. What is the value of the digit 4 in 42,367?  
 a. 40,000                      b. 4,000  
 c. 4                                      d. 400
- \_\_\_\_\_ 4. Write 93.67 in expanded form.  
 a.  $30 + 9 + 0.7 + 0.06$   
 b.  $90 + 3 + 0.6 + 0.07$   
 c.  $93 + 0.6 + 0.07$   
 d.  $90 + 3 + 0.67$

#### Write the decimal in words.

- \_\_\_\_\_ 5. 15.034  
 a. fifteen and thirty-four thousands  
 b. fifteen and thirty-four hundredths  
 c. fifteen and thirty-four hundreds  
 d. fifteen and thirty-four thousandths
- \_\_\_\_\_ 6. What is the standard form of twenty-two ten thousandths?  
 a. 0.22                      b. 0.2200                      c. 0.002                      d. 0.0022
- \_\_\_\_\_ 7. What is the value of the digit 3 in 6.473?  
 a. three tens  
 b. three tenths  
 c. three thousandths  
 d. three hundredths

#### Order the set of numbers on a number line.

- \_\_\_\_\_ 8. 0.3, 0.6, 1.5, 1.8, 1.02
- a.    
 b.    
 c.    
 d. 



- \_\_\_\_\_ 23.  $11.03 \times 2.7$   
a. 13.73                      b. 29.781                      c. 32.759                      d. 2.978
- \_\_\_\_\_ 24. Franklin bought 2 pencils for \$0.79 each, 4 notebooks for \$3.29 each, and a comic book for \$1.29. How much change will he receive from \$20?  
a. \$5.26                      b. \$16.03                      c. \$3.97                      d. \$11.97

**Use mental math to find the product.**

- \_\_\_\_\_ 25.  $1,000 \times 0.082$   
a. 820                      b. 0.82                      c. 8.2                      d. 82

**Use mental math to find the quotient.**

- \_\_\_\_\_ 26.  $2,386.7 \div 100$   
a. 238.67                      b. 2.3867                      c. 238,670                      d. 23.867

**Find the missing number. Name the property of addition that you used.**

- \_\_\_\_\_ 27.  $5.2 + 7.2 = 7.2 + \square$   
a. 12.4; Identity Property of Addition  
b. 12.4; Associative Property of Addition  
c. 5.2; Associative Property of Addition  
d. 5.2; Commutative Property of Addition
- \_\_\_\_\_ 28.  $7.4 + (2.5 + 3.3) = (\square + 2.5) + 3.3$   
a. 9.9; Identity Property of Addition  
b. 5.8; Associative Property of Addition  
c. 7.4; Associative Property of Addition  
d. 7.4; Commutative Property of Addition

**Find the quotient.**

- \_\_\_\_\_ 29.  $0.6 \div 0.3$   
a. 2                      b. 60                      c. 0.6                      d. 20
- \_\_\_\_\_ 30.  $75.84 \div 3.2$   
a. 0.237                      b. 237                      c. 23.7                      d. 2.37

**Find the quotient. Identify the quotient as a terminating or repeating decimal.**

- \_\_\_\_\_ 31.  $28 \div 36$   
a. 1.8; terminating                      c.  $0.\overline{7}$ ; repeating  
b. 0.8; terminating                      d.  $1.\overline{7}$ ; repeating
- \_\_\_\_\_ 32. Find  $32.46 \div 2.6$ . Round your answer to the nearest hundredth.  
a. 0.95                      b. 0.08                      c. 16.23                      d. 12.48

**Find the value of the expression.**

- \_\_\_\_\_ 33.  $4 \times 3 + 30 \div 5$   
a. 47                      b. 8.4                      c. 18                      d. 26.4
- \_\_\_\_\_ 34.  $4 \times 6 \div (5 - 3)$   
a. 117                      b. 12                      c. 1.8                      d. 3

**Use  $<$ ,  $=$ , or  $>$  to make the statement true.**

- \_\_\_\_\_ 35.  $11 - 6 \times 1.4$   $\square$   $(11 - 6) \times 1.4$   
a. =                      b. >                      c. <
- \_\_\_\_\_ 36. Use compatible numbers to estimate  $15.82 \div 7.75$ .  
a. about 3                      b. about 4                      c. about 1                      d. about 2

**Find the value of the expression.**

- \_\_\_\_\_ 37.  $8 - 42 \div 7 + 7 \cdot 3$   
a. 6.4                      b. 23                      c. 27                      d. 7

**Other**

38. Explain the difference between the values of a digit that is in the thousands place and a digit that is in the thousandths place.
39. Write five numbers between 3.4 and 3.5 in order from least to greatest.
40. Suppose you have \$30 to spend. You want a new CD that costs \$12.95, a DVD that costs \$15.95, a notebook that costs \$6.59, and colored pens that cost \$8.19.  
a. Use estimation to determine which three items you can buy.  
b. Explain why you chose the estimation method you used.