✓ Chapter 1 Review/Test

Vocabulary

1. The _____ states that multiplying a sum
   by a number is the same as multiplying each addend in the sum
   by the number and then adding the products. (p.14)

Vocabulary
Distributive Property
inverse operations

Concepts and Skills

Complete the sentence. (CC.5.NBT.1)

2. 7,000 is 10 times as much as _____.

3. 50 is $\frac{1}{10}$ of _____.

Complete the equation, and tell which property you used. (CC.5.NBT.6)

4. $4 \times (12 + 14) =$ _____ $+ (4 \times 14)$

5. $45 + 16 =$ _____ $+ 45$

Find the value. (CC.5.NBT.2)

6. 10^2

7. 3×10^4

8. 8×10^3

Estimate. Then find the product. (CC.5.NBT.5)

9. Estimate: _____
$$\begin{array}{r} 579 \\ \times\ \ \ 6 \\ \hline \end{array}$$

10. Estimate: _____
$$\begin{array}{r} 7,316 \\ \times\ \ \ \ \ 9 \\ \hline \end{array}$$

11. Estimate: _____
$$\begin{array}{r} 436 \\ \times\ \ 32 \\ \hline \end{array}$$

Use multiplication and the Distributive Property to find the quotient. (CC.5.NBT.6)

12. $54 \div 3 =$ _____

13. $90 \div 5 =$ _____

14. $96 \div 6 =$ _____

Evaluate the numerical expression. (CC.5.OA.1)

15. $42 - (9 + 6)$

16. $15 + (22 - 4) \div 6$

17. $6 \times [(5 \times 7) - (7 + 8)]$

✓ Chapter 2 Review/Test

▶ Vocabulary

Choose the best term from the box.

1. You can use _____ to estimate quotients because they are easy to compute with mentally. (p. 79)

   compatible numbers

   partial quotients

2. To decide where to place the first digit in the quotient, you can

   place value

   estimate or use _____. (p. 61)

▶ Concepts and Skills

Use compatible numbers to estimate the quotient. (CC.5.NBT.6)

3. $522 \div 6$

4. $1,285 \div 32$

5. $6,285 \div 89$

Divide. Check your answer. (CC.5.NBT.6)

6. $2\overline{)554}$

7. $8\overline{)680}$

8. $5\overline{)462}$

9. $522 \div 18$

10. $529 \div 37$

11. $987 \div 15$

12. $1,248 \div 24$

13. $5,210 \div 17$

14. $8,808 \div 42$

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Chapter 3 Extra Practice

Lessons 3.1 - 3.2

Complete the sentence.

1. 0.7 is 10 times as much as _____ .

2. 0.003 is $\frac{1}{10}$ of _____ .

Write the value of the underlined digit.

3. 3.<u>8</u>72

4. 0.19<u>4</u>

5. 11.7<u>7</u>6

6. 4.00<u>1</u>

_____   _____   _____   _____

Lessons 3.3 - 3.4

Order from greatest to least.

1. 5.006, 5.917, 5.08, 5.99

2. 0.823, 1.823, 0.732, 0.832

_____   _____

Write the place value of the underlined digit. Round each number to the place of the underlined digit.

3. 0.<u>8</u>29

4. <u>7</u>.918

5. 11.5<u>0</u>7

_____   _____   _____

Lessons 3.5 - 3.9

Estimate. Then find the sum or difference.

1. Estimate: _____

   8.5
   + 1.8
   _____

2. Estimate: _____

   26.42
   − 9.8
   _____

3. Estimate: _____

   8.26
   + 0.47
   _____

4. Estimate: _____

   7.06 − 1.95
   _____

5. Estimate: _____

   24 − 5.392
   _____

6. Estimate: _____

   3.6 + 2.16 + 1.34
   _____

Chapter 4 Review/Test

▶ Check Concepts

1. **Explain** how estimation helps you to place the decimal point when

   multiplying 3.9×5.3. (CC.5.NBT.2, CC.5.NBT.7) _____

   _____

Complete the pattern. (CC.5.NBT.2)

2. $1 \times 7.45 =$ _____

   $10 \times 7.45 =$ _____

   $100 \times 7.45 =$ _____

   $1{,}000 \times 7.45 =$ _____

3. $10^0 \times 376.2 =$ _____

   $10^1 \times 376.2 =$ _____

   $10^2 \times 376.2 =$ _____

   $10^3 \times 376.2 =$ _____

4. $1 \times 191 =$ _____

   $0.1 \times 191 =$ _____

   $0.01 \times 191 =$ _____

Find the product. (CC.5.NBT.2, CC.5.NBT.7)

5. $5 \times 0.89 =$ _____

6. $9 \times 2.35 =$ _____

7. $23 \times 8.6 =$ _____

8. $7.3 \times 0.6 =$ _____

9. $0.09 \times 0.7 =$ _____

10. $0.8 \times \$0.40 =$ _____

Draw a diagram to solve. (CC.5.NBT.7)

11. In January, Dawn earns $9.25 allowance. She earns 3 times as much in February. If during March, she earns $5.75 more than she did in February, how much allowance does Dawn earn in March?

   _____

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🍎 Chapter 5 Review/Test

Concepts and Skills

Complete the pattern. (CC.5.NBT.2)

1. $341 \div 1 =$ _____

   $341 \div 10 =$ _____

   $341 \div 100 =$ _____

   $341 \div 1,000 =$ _____

2. $15 \div 1 =$ _____

   $15 \div 10 =$ _____

   $15 \div 100 =$ _____

   $15 \div 1,000 =$ _____

3. $68.2 \div 10^0 =$ _____

   $68.2 \div 10^1 =$ _____

   $68.2 \div 10^2 =$ _____

stimate the quotient. (CC.5.NBT.7)

4. $49.3 \div 6$

5. $3.5 \div 4$

6. $396.5 \div 18$

ivide. (CC.5.NBT.2, CC.5.NBT.7)

7. $6\overline{)3.24}$

8. $5\overline{)6.55}$

9. $26\overline{)96.2}$

1. $1.08 \div 0.4$

11. $8.84 \div 0.68$

12. $7.31 \div 1.7$

. $9.18 \div 0.9$

14. $12.7 \div 5$

15. $8.33 \div 0.34$

Name _____

✓ Chapter 6 Review/Test

▶ **Vocabulary**

Choose the best term from the box.

1. A _____ is a number that is a
   common multiple of two or more denominators. (p. 255)

▶ **Concepts and Skills**

Use a common denominator to write an equivalent
fraction for each fraction. (CC.5.NF.1)

2. $\frac{2}{5}, \frac{1}{8}$ common
   denominator: _____

   _____

3. $\frac{3}{4}, \frac{1}{2}$ common
   denominator: _____

   _____

4. $\frac{2}{3}, \frac{1}{6}$ common
   denominator: _____

   _____

Find the sum or difference. Write your answer in simplest form (CC.5.NF.1)

5. $\frac{5}{6} + \frac{7}{8}$

6. $2\frac{2}{3} - 1\frac{2}{5}$

7. $7\frac{3}{4} + 3\frac{7}{20}$

Estimate. Then find the difference and write it in simplest form. (CC.5.NF.1)

8. Estimate: _____

   $1\frac{2}{5} - \frac{2}{3}$

9. Estimate: _____

   $7 - \frac{3}{7}$

10. Estimate: _____

    $5\frac{1}{9} - 3\frac{5}{6}$

Use the properties and mental math to solve. Write your answer in
simplest form. (CC.5.NF.1)

11. $\left(\frac{3}{8} + \frac{2}{3}\right) + \frac{1}{3}$

12. $1\frac{4}{5} + \left(2\frac{3}{20} + \frac{3}{5}\right)$

13. $3\frac{5}{9} + \left(1\frac{7}{9} + 2\frac{5}{12}\right)$

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Name _____

✓ Chapter 7 Review/Test

▶ Concepts and Skills

1. When you multiply $3\frac{1}{4}$ by a number greater than one, how does the product compare to $3\frac{1}{4}$? Explain. (CC.5.NF.5a, CC.5.NF.5b)

_____

_____

Use a model to solve. (CC.5.NF.6a)

2. $\frac{2}{3} \times 6$

3. $\frac{3}{7} \times 14$

4. $\frac{5}{8} \times 24$

Find the product. Write the product in simplest form. (CC.5.NF.4a)

5. $\frac{3}{5} \times 8 = $ _____

6. $\frac{1}{4} \times 10 = $ _____

7. $\frac{5}{7} \times 15 = $ _____

8. $\frac{5}{6} \times \frac{2}{3} = $ _____

9. $\frac{1}{5} \times \frac{5}{7} = $ _____

10. $\frac{3}{8} \times \frac{1}{6} = $ _____

Complete the statement with *equal to*, *greater than*, or *less than*.
(CC.5.NF.5a, CC.5.NF.5b)

11. $\frac{7}{8} \times \frac{6}{6}$ will be _____ $\frac{7}{8}$.

12. $\frac{1}{2} \times \frac{8}{9}$ will be _____ $\frac{8}{9}$.

Adding and Subtracting Fractions and Mixed Numbers

Directions: Add or subtract each mixed number below. You _MUST_ simplify your answer.

1. $\begin{array}{r} 5\ \dfrac{3}{5} \\ +\quad 1\ \dfrac{4}{10} \\ \hline \end{array}$

2. $\begin{array}{r} 7 \\ -\quad 5\ \dfrac{1}{4} \\ \hline \end{array}$

3. $\begin{array}{r} 3\ \dfrac{1}{3} \\ +\quad 1\ \dfrac{4}{5} \\ \hline \end{array}$

4. $\begin{array}{r} 15\ \dfrac{1}{8} \\ -\quad 11\ \dfrac{7}{10} \\ \hline \end{array}$

For numbers 5 - 8, solve the word problems.

5. On Friday night, Lim slept for $10\frac{1}{3}$ hours. That was $2\frac{1}{2}$ more hours than he slept the night

before. How many hours did Lim sleep on Thursday night?

6. Frances used to get 8 hours of sleep each night. Now she takes a $1\frac{1}{2}$ hour nap and sleeps 5 hours at

night. How much has her total sleep *changed?*

7. Mary cut $4\frac{2}{5}$ inches off her hair at the hairdresser this weekend. Sam cut off $3\frac{2}{3}$ inches of his.

How much more hair did Mary cut?

8. Tyson wants to run 8 miles today. So far, he has run $5\frac{1}{8}$ miles. How much more does he have to run

to meet his goal?

① $1\frac{2}{3} \times 3\frac{2}{4} =$

② $2\frac{1}{4} \times 1\frac{1}{2}$

③ $4 \times 2\frac{1}{6}$

④ $\frac{5}{7} \times \frac{4}{5} =$