

Name _____

Date _____ Score _____

Vocabulary: In 1–3, match each with its example.

- | | | |
|------------------|---|----------|
| 1. expanded form | a. the length of time between 3:30 A.M. and 6:00 A.M. | 1. _____ |
| 2. digits | b. $1,000 + 500 + 30 + 9$ | 2. _____ |
| 3. elapsed time | c. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 | 3. _____ |

In 4–7, write the value of the underlined digit.

- | | |
|--|----------|
| 4. 5,7 <u>8</u> 3 | 4. _____ |
| 5. 40, <u>7</u> 19 | 5. _____ |
| 6. <u>2</u> 26,855 | 6. _____ |
| 7. <u>6</u> ,119,088 | 7. _____ |
| 8. Write the word name for 402,000. | _____ |
| 9. Write fifty million, six hundred thirty-eight in standard form. | 9. _____ |

In 10–11, complete the table. Write how many ones, tens, and hundreds are in each number.

	Number	Hundreds	Tens	Ones
10.	500			
11.	3,200			

In 12–14, compare. Write $>$, $<$, or $=$.

12. 8,601 \blacksquare 7,899 13. 33,812 \blacksquare 33,182 14. 5,455 \blacksquare 54,555

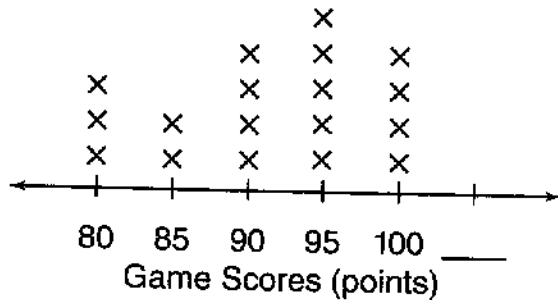
15. How many different two-color outfits can Jere make if she has red and blue skirts and yellow, green, and white sweaters? Make an organized list to show the outfits.
- _____

Name _____

In 10–12, use the line plot.

10. How many students scored 90 points?

11. What is the most common score?



12. Two students scored 105. Add their scores to the line plot.

In 13–14, use the stem-and-leaf plot.

13. How many birthdays are on the 20th day?

14. How many birthdays are shown in the plot?

Birthdays	
stem	leaf
0	1 2 5 8 9
1	2 6 9 9 7
2	0 9 0 3 6 7 8 3

13. _____

14. _____

15. Find the range, median, and mode for the set of numbers. Use this set of numbers. 2 9 7 1 3 2 8

Range _____ Median _____ Mode _____

16. Complete the table. Write the rule.

In	18	16	14	12	10
Out	15	13			7

17. Su earned \$18 in two weeks. She earned \$4 more this week than last week. How much did Su earn each week?

Last week _____ This week _____

18. **Explain Your Thinking** On a bar graph showing students' favorite sports, explain how you can tell the sport most often chosen.

Name _____

In 16–17, order the numbers from least to greatest.

16. 36,551 63,155 36,515 _____

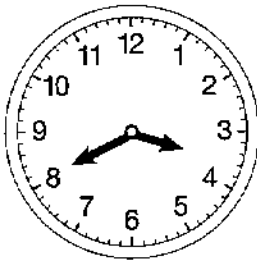
17. 701,107 707,101 701,701 _____

18. Round 5,601 to the nearest thousand. 18. _____

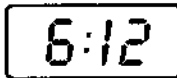
19. Round 3,482 to the nearest thousand. 19. _____

In 20–21, write each time two different ways.

20.



21.



20. _____

21. _____

22. Does a store close at 9:00 A.M. or 9:00 P.M.? 22. _____

In 23–25, compare. Write $>$, $<$, or $=$.

23. 8 weeks ■ 3 months 23. _____

24. 200 minutes ■ 2 hours 24. _____

25. 18 months ■ 2 years 25. _____

In 26–28, write each elapsed time.

26. 5:15 P.M. to 5:15 A.M. 26. _____

27. 2:00 P.M. to 4:00 P.M. 27. _____

28. 1:45 P.M. to 2:15 P.M. 28. _____

29. Which month is the seventh month of the year? 29. _____

30. How many months have 31 days? 30. _____

31. **Explain Your Thinking** Write a 3-digit and a 4-digit number that round to the same number when rounded to the nearest hundred. Explain.

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Chapter 3 Test

Form

A

Vocabulary: In 1–3, match each word with its meaning.

- | | | |
|-------------------------|---|----------|
| 1. difference | a. a way to estimate by first looking at the leading digits | 1. _____ |
| 2. estimate | b. number obtained by subtracting | 2. _____ |
| 3. front-end estimation | c. to find a number close to an exact amount | 3. _____ |

In 4, complete each number sentence.

4. $7 + 2 = 9$
 $70 + 20 = n$
 $700 + 200 = 900$
 $7,000 + 2,000 = n$

In 5–7, find each sum or difference. Use mental math.

5. $540 + 200$ 6. $360 + 630$ 7. $780 - 420$
- _____

In 8–10, estimate each sum or difference. Round to the nearest hundred.

8. $768 - 284$ 9. $933 - 645$ 10. $529 + 255$
- _____

11. Jay ran a 100-yard dash in 14 seconds. Is the time an exact amount or an estimate? 11. _____

In 12–15, find each sum. Estimate to check.

12. $723 + 538$ 12. _____

- | | | |
|---|--|--|
| 13. $\begin{array}{r} 4,825 \\ + 987 \\ \hline \end{array}$ | 14. $\begin{array}{r} 756 \\ 2,483 \\ + 4,309 \\ \hline \end{array}$ | 15. $\begin{array}{r} 6,987 \\ 7,435 \\ + 123 \\ \hline \end{array}$ |
|---|--|--|

16. Find $643 - 291$. 16. _____

Continued 73

Name _____

In 17–19, subtract. Add or estimate to check.

$$\begin{array}{r} 17. \quad 829 \\ - 473 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 4,071 \\ - 2,895 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 6,001 \\ - 5,878 \\ \hline \end{array}$$

20. Leo earned \$290 mowing lawns and \$340 pulling weeds. He spent \$125. How much did he have left? 20. _____

In 21–23, find the sum or difference.

$$\begin{array}{r} 21. \quad 8,620 \\ - 4,000 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 1,468 \\ + 3,929 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 3,200 \\ + 4,704 \\ \hline \end{array}$$

In 24–25, compare. Write $<$, $>$, or $=$.

24. \$164 ● \$16.40 24. _____

25. \$7.49 ● \$14.49 25. _____

In 26–28, add or subtract. Estimate to check.

$$\begin{array}{r} 26. \quad \$24.65 \\ + 35.98 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad \$30.69 \\ + 29.77 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad \$57.00 \\ - 29.88 \\ \hline \end{array}$$

29. Ana gives the cashier \$5.00 for three items costing \$1.50 each. How much change will she receive? 29. _____

In 30–31, find the value for each n .

30. $18 + n = 40$ 30. _____

31. $n + 400 = 700$ 31. _____

32. Tiger had \$10. Then he saved \$4 each week. How much money did he have after 5 weeks? 32. _____

33. **Explain Your Thinking** Explain how Agatha could use mental math to find $700 - 196$.
- _____

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Chapter 5 Test

Form

A

Vocabulary: In 1–3, match each with its meaning.

1. product

a. data arranged in rows and columns

1. _____

2. array

b. multiplication answer

2. _____

3. factor

c. number being multiplied

3. _____

In 4–5, use a multiplication fact to help you find each product.

4. 8×20

4. _____

5. 9×70

5. _____

In 6–7, use patterns to find each product.

6. $7 \times 3 =$ _____

$7 \times 30 =$ _____

$7 \times 300 =$ _____

7. $5 \times 6 =$ _____

$5 \times 60 =$ _____

$5 \times 600 =$ _____

In 8–10, estimate each product.

8. 4×91

8. _____

9. 48×6

9. _____

10. 3×76

10. _____

11. Use the array to help you find the product.

11. _____

17																			
$\times 4$																			

In 12–14, find each product. Estimate to check.

12. 5×22

12. _____

13. 67×3

13. _____

14. 8×51

14. _____

Continued 113

Name _____

In 15–20, multiply.

15.
$$\begin{array}{r} 417 \\ \times 9 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 307 \\ \times 6 \\ \hline \end{array}$$

15. _____

16. _____

17.
$$\begin{array}{r} 8,005 \\ \times 3 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 8,208 \\ \times 3 \\ \hline \end{array}$$

17. _____

18. _____

19.
$$\begin{array}{r} \$3.75 \\ \times 5 \\ \hline \end{array}$$

20.
$$\begin{array}{r} \$16.41 \\ \times 6 \\ \hline \end{array}$$

19. _____

20. _____

In 21–22, use mental math to multiply.

21. 5×52

21. _____

22. 65×3

22. _____

23. Write $4 \times 7 \times 5$ in three different ways. Then solve.

24. Brenda and three friends went bowling. It cost each person \$1.25 to rent shoes and \$1.75 to play a game. They each bowled 2 games. How much did it cost the group altogether?

24. _____

25. Alice needs 48 plates. Plates come in packs of 8. Complete the table to find how many packs she needs.

25. _____

Number of packs	1	2	3			
Number of plates	8	16	24			

26. **Explain Your Thinking** Explain how multiplying money amounts is like multiplying whole numbers.

Name _____

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Vocabulary: In 1–3, match each with its meaning.

- | | | |
|-------------|---|----------|
| 1. factors | a. the number obtained after multiplying | 1. _____ |
| 2. multiple | b. numbers that are multiplied together to obtain a product | 2. _____ |
| 3. product | c. the product of a given whole number and any other whole number | 3. _____ |

In 4–7, use patterns to find each product.

- | | |
|---------------------------|---------------------------|
| 4. $70 \times 8 =$ _____ | 5. $50 \times 4 =$ _____ |
| $70 \times 80 =$ _____ | $50 \times 40 =$ _____ |
| $70 \times 800 =$ _____ | $50 \times 400 =$ _____ |
| $70 \times 8,000 =$ _____ | $50 \times 4,000 =$ _____ |
| 6. $40 \times 7 =$ _____ | 7. $90 \times 5 =$ _____ |
| $40 \times 70 =$ _____ | $90 \times 50 =$ _____ |
| $40 \times 700 =$ _____ | $90 \times 500 =$ _____ |
| $40 \times 7,000 =$ _____ | $90 \times 5,000 =$ _____ |

In 8–14, estimate each product.

- | | |
|---------------------|-----------|
| 8. 84×23 | 8. _____ |
| 9. 66×56 | 9. _____ |
| 10. 29×78 | 10. _____ |
| 11. 53×67 | 11. _____ |
| 12. 246×58 | 12. _____ |
| 13. 709×88 | 13. _____ |
| 14. 395×31 | 14. _____ |

Name _____

In 15–24, find each product.

15. $\begin{array}{r} 72 \\ \times 30 \\ \hline \end{array}$

16. $\begin{array}{r} 53 \\ \times 80 \\ \hline \end{array}$

15. _____

16. _____

17. $\begin{array}{r} 41 \\ \times 28 \\ \hline \end{array}$

18. $\begin{array}{r} 57 \\ \times 43 \\ \hline \end{array}$

17. _____

18. _____

19. 95×32

19. _____

20. 42×39

20. _____

21. $32 \times 1,247$

21. _____

22. $2,371 \times 16$

22. _____

23. $15 \times \$14.95$

23. _____

24. $12 \times \$24.08$

24. _____

In 25, decide if you should overestimate or underestimate. Solve.

25. Marty plans to deposit \$4.50 into his bank account each week. Estimate to see if he will have saved \$50 to pay for a computer game at the end of 21 weeks.

In 26, draw a picture to help you solve each problem.

26. Larry is in a bike race. There are 12 bikes in each row. There are 4 rows in front of him and 8 rows behind him. How many racers are there in all?

26. _____

27. **Explain Your Thinking** Describe the steps you would follow to find the product of 1,258 and 47.

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Chapter 7 Test

Form

A

Vocabulary: In 1–4, complete each sentence with one of the words listed.

Word List
odd
even
mean
divisible

1. A number is _____ by another number if there is no remainder.
2. Whole numbers that are divisible by 2 are _____.
3. Average is another word for _____.
4. The numbers 3, 17, and 45 are _____.

In 5–10, use patterns to find each quotient.

5. $400 \div 8$

6. $540 \div 9$

7. $360 \div 4$

8. $240 \div 3$

9. $420 \div 6$

10. $180 \div 9$

In 11–13, estimate each quotient.

11. $351 \div 9$

12. $430 \div 5$

13. $294 \div 4$

In 14–25, divide.

14. $6 \overline{)37}$

15. $9 \overline{)49}$

14. _____

16. $23 \div 5$

17. $59 \div 8$

15. _____

16. _____

18. $3 \overline{)37}$

19. $87 \div 6$

17. _____

18. _____

19. _____

Name _____

Date _____ Score _____

Chapter 8 Test

Form

A

Vocabulary: In 1–2, match each with its meaning.

- | | | |
|--------------|--|----------|
| 1. congruent | a. a straight path that goes on forever in both directions | 1. _____ |
| 2. line | b. having the same size and shape | 2. _____ |

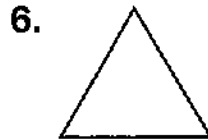
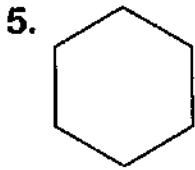
In 3–4, name the solid that each object looks like.



3. _____

4. _____

In 5–6, write the name of each polygon.



5. _____

6. _____

In 7–8, the lengths of the sides of a triangle are given. Name each triangle as scalene, isosceles, or equilateral.

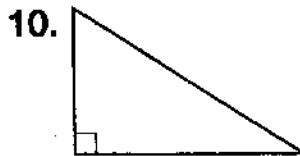
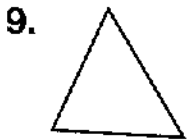
7. 4 cm, 7 cm, 4 cm

8. 5 cm, 8 cm, 3 cm

7. _____

8. _____

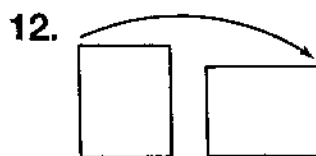
In 9–10, name each triangle as right, acute, or obtuse.



9. _____

10. _____

In 11–12, tell whether each picture shows a slide, flip, or turn.



11. _____

12. _____

Name _____

20. $4 \overline{)536}$

21. $739 \div 5$

20. _____

21. _____

22. $3 \overline{)92}$

23. $619 \div 6$

22. _____

23. _____

24. $4 \overline{)\$5.12}$

25. $\$6.09 \div 3$

24. _____

25. _____

26. Toby made 320 ounces of soup. How many 9-ounce bowls can he fill?

26. _____

In 27–28, find the mean of each set of numbers.

27. 7, 6, 9, 4, 7, 3

27. _____

28. 87, 76, 86, 88, 83

28. _____

In 29–30, test if each number is divisible by 2, 3, or 5. If it is, then give the quotient.

29. 273 _____

30. 578 _____

31. Jerry had some apple slices. He ate 5 slices. He threw away 5 slices because they were bruised. He has 3 slices left. How many slices did Jerry start with?

31. _____

32. Explain Your Thinking How many cars are needed to carry 36 people if 5 people can ride in one car? Explain how you know.

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Chapter 9 Test

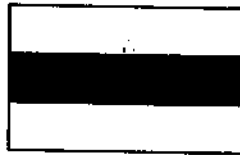
Form

A

Vocabulary: In 1–4, match each word with its meaning.

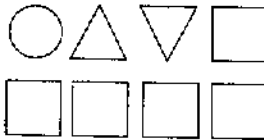
- | | | |
|--------------------|---|----------|
| 1. units of length | a. the top number of a fraction | 1. _____ |
| 2. simplest form | b. the bottom number of a fraction | 2. _____ |
| 3. numerator | c. when the numerator and denominator of a fraction have no common factors other than 1 | 3. _____ |
| 4. denominator | d. inch, foot, yard | 4. _____ |

5. Write a fraction for the shaded part.



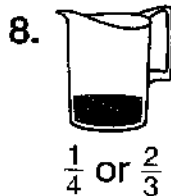
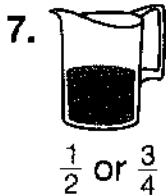
5. _____

6. Write a fraction that compares the squares to the whole set.



6. _____

In 7–8, write a fraction that shows about how full each container is.



7. _____

8. _____

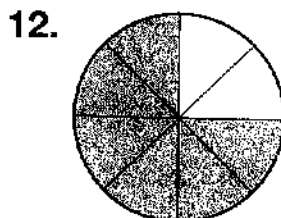
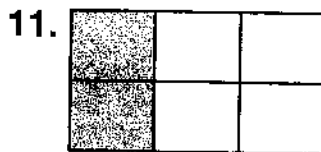
9. Write $\frac{5}{4}$ as a whole number or mixed number.

9. _____

10. Write $2\frac{3}{5}$ as an improper fraction.

10. _____

In 11–12, write a fraction for each shaded part. Then write an equivalent fraction.

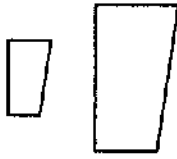


11. _____

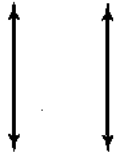
12. _____

Name _____

13. Is the figure congruent, similar, or neither?



14. Are the lines parallel, intersecting, or perpendicular?



13. _____

14. _____

In 15–16, write the name of each quadrilateral.

15.



16.



15. _____

16. _____

In 17–18, tell how many lines of symmetry each figure has.

17.



18.



17. _____

18. _____

19. Norman stands behind Dennis. Dennis stands behind Rudy. Norman stands in front of Brad. Who is first in the line?

19. _____

In 20–21, a rectangle has length 5 cm and width 6 cm.

20. Find the perimeter of the rectangle.

20. _____

21. Find the area of the rectangle.

21. _____

22. A rectangular prism is 4 inches long, 3 inches wide, and 3 inches high. Find its volume.

22. _____

23. **Explain Your Thinking** The perimeter of a square measures 40 centimeters. Explain how you can find the length of each side. Then give the length.

Name _____

Date _____ Score _____

Chapter 10 Test

Form

A

In 1–16, find each sum or difference. Simplify.

1. $\frac{1}{5} + \frac{2}{5}$

2. $\frac{1}{8} + \frac{3}{8}$

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

4. $\frac{11}{12} - \frac{5}{12}$

5. $\frac{1}{6} + \frac{7}{12}$

6. $\frac{7}{10} - \frac{3}{10}$

7. $\frac{5}{8} - \frac{1}{4}$

8. $\frac{1}{15} + \frac{1}{3}$

9.
$$\begin{array}{r} \frac{5}{7} \\ - \frac{3}{7} \\ \hline \end{array}$$

11.
$$\begin{array}{r} \frac{14}{15} \\ - \frac{2}{3} \\ \hline \end{array}$$

13.
$$\begin{array}{r} \frac{3}{4} \\ - \frac{1}{2} \\ \hline \end{array}$$

15.
$$\begin{array}{r} \frac{9}{10} \\ - \frac{3}{5} \\ \hline \end{array}$$

10.
$$\begin{array}{r} \frac{1}{9} \\ + \frac{1}{3} \\ \hline \end{array}$$

12.
$$\begin{array}{r} \frac{2}{3} \\ + \frac{1}{6} \\ \hline \end{array}$$

14.
$$\begin{array}{r} \frac{5}{6} \\ - \frac{1}{3} \\ \hline \end{array}$$

16.
$$\begin{array}{r} \frac{1}{8} \\ + \frac{3}{4} \\ \hline \end{array}$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

17. Find the value of n for $n + \frac{2}{5} = \frac{4}{5}$.

Name _____

In 13–14, multiply or divide to find equivalent fractions.

13. $\frac{4}{8}$

13. _____

14. $\frac{2}{3}$

14. _____

In 15–16, write each fraction in simplest form.

15. $\frac{2}{8}$

15. _____

16. $\frac{8}{10}$

16. _____

In 17–20, write $<$, $>$, or $=$ in \bigcirc .

17. $\frac{2}{3} \bigcirc \frac{3}{4}$

18. $\frac{3}{5} \bigcirc \frac{1}{2}$

19. 28 in. \bigcirc 1 yd

20. 3 ft \bigcirc 1 yd

21. Order from least to greatest: $\frac{1}{2}$, $\frac{2}{5}$, $\frac{1}{5}$, $\frac{3}{10}$, $\frac{7}{10}$.

21. _____

22. Find $\frac{1}{5}$ of 25.

22. _____

In 23–24, measure the screw to the nearest:

23. $\frac{1}{2}$ in.



23. _____

24. $\frac{1}{4}$ in.

24. _____

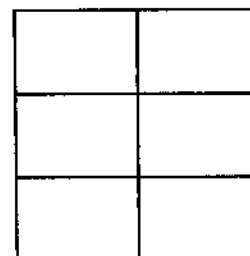
25. Mt. Everest is 29,028 feet tall. About how many miles tall is the mountain?

25. _____

26. Suke owns 3 more CDs than Marisa. If Nova buys 8 more CDs, she will own as many CDs as Suke. Which girl owns more CDs now, Marisa or Nova?

26. _____

27. **Explain Your Thinking** Is each part of this square $\frac{1}{6}$ of the whole square? Explain.



Name _____

In 18–19, write the operation you would use. Then solve.

18. Paolo ate $\frac{1}{8}$ of a pizza and Chandra ate $\frac{1}{4}$.
How much of the pizza did they eat in all? 18. _____

19. Lashonda has $\frac{3}{4}$ yard of fabric. She uses $\frac{3}{8}$ yard to make dolls. How much fabric is left? 19. _____

In 20–24, choose the better estimate.

20. A box of pens: 8 oz or 8 lb 20. _____

21. A box of books: 16 oz or 16 lb 21. _____

22. A car: 2 lb or 2 T 22. _____

23. A kitchen sink filled with water: 10 pt or 10 gal 23. _____

24. A soda bottle: 16 c or 16 fl oz 24. _____

In 25–28, complete.

25. 2 qt = ■ pt 26. 36 ft = ■ yd 25. _____

27. 2 T = ■ lb 28. 2 lb = ■ oz 26. _____

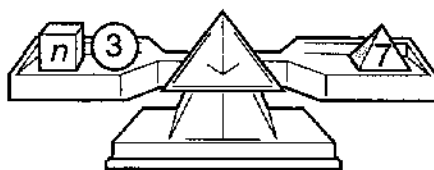
29. How many granola bars could you get for \$5? 27. _____

Granola Bars	2	4	6		
Cost	\$1		\$3	\$4	

28. _____

29. _____

30. Find n . 30. _____



$n + 3 = 7, n = \blacksquare$

31. **Explain Your Thinking** Explain why you multiply when you change a larger unit to a smaller unit.

Name _____

Date _____ Score _____

Chapter 11 Test

Form

A

Vocabulary: In 1–3, write what each word measures.

1. centimeter _____

2. liter _____

3. gram _____

mass
length
capacity

4. Suppose you have \$1.05 in dimes and nickels. You have the same number of dimes as nickels. How many of each do you have? 4. _____

In 5–6, write the decimal for each.

5. $\frac{8}{10}$ 5. _____

6. Four and sixty-seven hundredths 6. _____

In 7–8, write <, >, or = for each \bigcirc .

7. $0.98 \bigcirc 1.07$ 8. $0.87 \bigcirc 0.09$

9. Order 0.32, 0.09, 1.04, 3.52, 0.7 from least to greatest. _____

In 10–12, round each decimal to the nearest whole number.

10. 3.78 10. _____

11. 2.05 11. _____

12. 6.50 12. _____

In 13–14, write the decimal for each fraction.

13. $\frac{4}{5}$ 13. _____

14. $\frac{9}{20}$ 14. _____

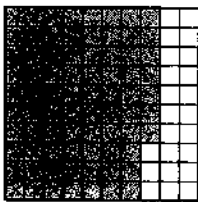
In 15–16, estimate each sum or difference. Round to the nearest whole number.

15. $6.23 + 3.78$ 15. _____

16. $27.86 - 13.05$ 16. _____

Name _____

17. Write the addition or subtraction sentence for the grid.



In 18–22, find each sum or difference.

18. $0.48 + 0.23$

18. _____

19. $4.73 + 1.26$

19. _____

20. $0.87 - 0.24$

20. _____

21. $9.63 - 5.37$

21. _____

22. $7.34 - 2.28$

22. _____

In 23–24, choose the better unit of measure for each object.

23. Length of an eraser: centimeter or meter

23. _____

24. Length of highway: meter or kilometer

24. _____

In 25–26, complete.

25. $400 \text{ cm} = \blacksquare \text{ m}$

26. $3 \text{ m} = \blacksquare \text{ cm}$

25. _____

In 27–28, write $<$, $>$, or $=$ for each \bigcirc .

26. _____

27. $50 \text{ cm} \bigcirc 5 \text{ m}$

28. $3 \text{ m} \bigcirc 300 \text{ cm}$

In 29–30, choose the better estimate for each.

29. Nickel (a 5-cent coin): 5 g or 5 kg

29. _____

30. Ice-cube tray: 380 mL or 380 L

30. _____

31. A soup's temperature was 10.3°C before it was heated. After being heated, its temperature was 84.7°C . What was the temperature change?

31. _____

32. **Explain Your Thinking** Explain how to write a decimal in hundredths that is equal to 0.6.

Name _____

Date _____ Score _____

Chapter 12 Test

Form

A

Vocabulary: In 1–4, match each with its meaning.

- | | | |
|----------------|---|----------|
| 1. unlikely | a. the chance that an event will happen | 1. _____ |
| 2. probability | b. result of an action or event | 2. _____ |
| 3. impossible | c. probably will not happen | 3. _____ |
| 4. outcome | d. definitely will not happen | 4. _____ |

In 5–7, find each quotient. Use mental math.

- | | |
|------------------|----------|
| 5. $180 \div 90$ | 5. _____ |
| 6. $360 \div 60$ | 6. _____ |
| 7. $210 \div 70$ | 7. _____ |

In 8–10, estimate each quotient.

- | | |
|--|-----------|
| 8. $225 \div 72$ | 8. _____ |
| 9. $468 \div 93$ | 9. _____ |
| 10. $197 \div 48$ | 10. _____ |
| 11. Complete: $276 \div 90 \bullet 275 \div 90$.
Use $<$, $>$, or $=$. | 11. _____ |
| 12. Complete: $640 \div 8 \bullet 6,400 \div 80$.
Use $<$, $>$, or $=$. | 12. _____ |

In 13–18, divide and check.

- | | |
|--------------------------|-----------|
| 13. $368 \div 40$ | 13. _____ |
| 14. $429 \div 70$ | 14. _____ |
| 15. $60 \overline{)492}$ | 15. _____ |
| 16. $132 \div 62$ | 16. _____ |
| 17. $83 \overline{)507}$ | 17. _____ |
| 18. $94 \overline{)756}$ | 18. _____ |

Name _____

In 19–20, write whether the event is impossible, unlikely, equally likely as unlikely, likely, or certain.

19. The sun will rise tomorrow morning. **19.** _____

20. It will snow in Washington, D.C., during January. **20.** _____

In 21, write whether the game is fair or unfair. If it is unfair, explain why.

21. A box contains these letters: A, B, C, D, E, F. Kevin gets a point if he draws a vowel. Steve gets a point if he draws a consonant.

22. A counter has a 1 on one side and a 4 on the other side. Another counter has a 3 on one side and a 7 on the other side. List all possible outcomes of flipping both counters. **22.** _____

23. What is the probability of rolling an even number on a number cube labeled 1–6? Write your answer as a fraction. **23.** _____

24. In a survey of 25 students, 5 students say they prefer to play basketball rather than baseball. Based on this survey, how many students out of 100 would you expect to play basketball? **24.** _____

25. José has a model car, a model plane, a model tank, and a model boat. How many ways can he arrange them on a shelf? **25.** _____

26. **Explain Your Thinking** Without finding the exact answer, tell whether $548 \div 90$ will be greater than or less than 6. Explain.

