Read to your teacher.

\[ \triangle 15 \div 5 = 3 \quad 4.32 \times 4 = \$17.28 \quad 602,003 \quad 12 \div 2 < 9 \quad 4 \frac{3}{4} \quad 4.7 \]

**Rounding to the Nearest Inch**

Sometimes we measure things that do not come to exact inches. Then we can round our measure to the nearest inch.

When a measure reaches the **half-inch** mark or more, round to the next inch.

This line is between 2 and 3 inches. It reaches past the **half-inch** mark. We round to 3 inches.

When a measure does not reach the **half-inch** mark, round to the inch that is before.

This line does not reach the **half-inch** mark between 2 and 3. We round to 2 inches.
Lesson 4

Measure each item from Mrs. Breen’s sewing box to the nearest inch.

1. \[\text{____ in}\]

2. \[\text{____ in}\]

3. \[\text{____ in}\]

Rounding to the Nearest Centimeter

Rounding to the nearest centimeter is like rounding to the nearest inch.

This line is between 4 and 5 centimeters. It is more than halfway between. We round to 5 centimeters.

This line does not reach halfway between 4 and 5 centimeters. We round to 4 centimeters.

Measure to the nearest centimeter.

4. \[\text{_____ cm}\]

5. \[\text{_____ cm}\]

6. \[\text{_____ cm}\]

7. \[\text{_____ cm}\]

We Remember

Write the multiples of 8.

8. \[\text{_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____}\]
Lesson 4

Write the sums or differences. Check the fourth and fifth problems.

\[
\begin{array}{cccccc}
 9. & 80,242 & 34,579 & 68,127 & 7,001 & 6,946 \\
-36,547 & +58,468 & -47,989 & -297 & +3,266 \\
\end{array}
\]

10. The Rushville Country Store had 35 gallons of milk in stock. They sold 27 gallons. The milk truck brought another 42 gallons the next day. How many gallons of milk were in the cooler then?

11. Mrs. Showalter bought 3 gallons of milk at the country store. She paid $2.79 for each gallon. How much money did Mrs. Showalter spend on milk?

Write the quotients.

12. \(0 \div 3 = \) \(27 \div 3 = \) \(15 \div 3 = \) \(21 \div 3 = \) \(6 \div 3 = \)

13. \(9 \div 9 = \) \(4 \div 1 = \) \(3 \div 3 = \) \(6 \div 6 = \) \(10 \div 1 = \)

14. \(24 \div 3 = \) \(18 \div 3 = \) \(30 \div 1 = \) \(12 \div 3 = \) \(9 \div 3 = \)

Choose the best measure...

15. ...to find the weight of a bowl of cereal. kilogram metric ton gram

16. ...to find the weight of a large dog. kilogram metric ton gram

17. ...to find the weight of the milk truck. kilogram metric ton gram
Copy and solve.

18. $92,589 + 4,647$  \hspace{1cm} 16,941 - 7,552

Write the answers.

19. $\frac{1}{4}$ of 36 = _____  \hspace{1cm} $\frac{1}{4}$ of 20 = _____  \hspace{1cm} $\frac{1}{4}$ of 12 = _____

Fill in the blanks.

20. 1 kg = ______ g  \hspace{1cm} 1 t = ______ lb  \hspace{1cm} 1 min = _____ sec

21. 1 leap yr = ______ days  \hspace{1cm} 1 yd = ____ ft  \hspace{1cm} 1 lb = ____ oz

22. 1 metric t = ______ kg  \hspace{1cm} 1 qt = ____ pt  \hspace{1cm} 1 day = ____ hr

Find one-third of each number.

23. $\frac{1}{3}$ of 9 = _____  \hspace{1cm} $\frac{1}{3}$ of 15 = _____  \hspace{1cm} $\frac{1}{3}$ of 21 = _____

---

**Fact Focus**

24. 
\[
\begin{array}{ccc}
8 & \times & 8 \\
4 & & 40 \\
\hline
48 & & \\
\end{array}
\hspace{1cm}
\begin{array}{ccc}
7 & \times & 8 \\
\ & & 72 \\
\hline
\ & & 64 \\
\end{array}
\hspace{1cm}
0 + 4 = ____  \hspace{1cm} 24 + 4 = ____  \\
20 + 4 = ____  \hspace{1cm} 8 + 4 = ____  \\
32 + 4 = ____  \hspace{1cm} 28 + 4 = ____

25. 
\[
\begin{array}{ccc}
2 \div 8 & & 2 \div 12 \\
& & 2 \div 20 \\
& & 2 \div 6 \\
\hline
& & \\
\end{array}
\hspace{1cm}
12 + 4 = ____  \hspace{1cm} 16 + 4 = ____  \\
36 + 4 = ____  \hspace{1cm} 4 + 4 = ____

---

Continue on to next page.
Lessons 4, 5

Complete this exercise for the pictograph on page iv.

26. The Showalter family saw 2 deer and 4 robins on their nature hike. Color the number of deer and robins to show how many they saw.

☐ Count by 12’s to 60.
☐ Practice the 1 and $\times 7$ flash cards for 5 minutes.
☐ Do Speed Drill 5 on page 63.
☐ Record your score in the graph on page 60.

Tell your teacher when you are ready for Quiz 1.

—— Just for Fun ——

A Quarter After, a Quarter Till

Fifteen minutes is a quarter of an hour. When the time is 15 minutes past the hour, it is a quarter after the hour. When the time is 15 minutes before the hour, it is a quarter till the hour.

a quarter after 8

a quarter till 5
Lesson 5

Circle quarter after or quarter till.

Now circle the correct time for each clock above.

2. quarter after 11  
   quarter till 11  
   quarter after 3  
   quarter till 3  
   quarter after 12  
   quarter till 12  
   quarter after 6  
   quarter till 6

Half Past

Thirty minutes is half an hour, so 30 minutes past the hour is half past the hour.

Circle the correct time.

3. quarter after 7  
   half past 8  
   quarter till 8  
   quarter after 5  
   half past 5  
   half past 6  
   quarter after 10  
   half past 10  
   quarter till 3  
   quarter after 11  
   half past 11  
   quarter till 12
Expressions

Did you know that a number can be shown in many different ways? Here are five different ways to show 6.

\[ 4 + 2 \quad 7 - 1 \quad 2 \times 3 \quad 12 \div 2 \quad 2 + 2 + 2 \]

Each of these number sentences is an expression (ik·spré·shən) for 6.

Here are two expressions for 10. Write three more expressions for 10.

\[ \triangle \quad 1. \quad 5 + 3 + 2 \quad 10 + 0 \quad \boxed{} \quad \boxed{} \quad \boxed{} \]

Underline four expressions for 7.

\[ 2. \quad 3 + 4 \quad 6 + 1 \quad 2 \times 3 \quad 14 \div 2 \quad 1 + 1 + 5 \]

What number is shown by all of these expressions?

\[ 3. \quad \boxed{} \]

Compare the expressions. Below each expression write the number that is shown. Then write = or ≠.

\[ 4. \quad 6 \times 6 \quad ? \quad 9 \times 3 \quad 7 + 8 \quad ? \quad 4 \times 4 \quad 0 \div 8 \quad ? \quad 8 \times 0 \]

\[ \boxed{} \quad \boxed{} \quad \boxed{} \quad \boxed{} \quad \boxed{} \]
Lesson 6

Write the sums or differences.

5. \[ 94,290 + 49,064 = 56,903 - 26,004 + 4,315 \]
\[ -17,686 + 19,587 - 29,286 - 19,487 + 6,543 \]

6. “Let’s plant potatoes tonight,” said Mr. Showalter. The family spent 1.2 hours making rows and cutting the seed potatoes. It took them another 1.4 hours to finish planting and covering the potatoes. How much time did the family work planting potatoes?

7. Mr. Martino put 65 bags of dead leaves into his empty compost bin last fall. This spring he was able to get 22 bags of compost from the bin. How many fewer bags did he get out this spring than he had put in the bin last fall?

Write \(=\) or \(\neq\).

8. \[ \frac{7}{7} \quad \frac{2}{2} \quad \frac{8}{9} \quad \frac{9}{9} \]

Write the quotients.

9. \[ 21 \div 3 = \quad 12 \div 3 = \quad 15 \div 3 = \quad 6 \div 3 = \quad 24 \div 3 = \]

10. \[ 3 \div 3 = \quad 27 \div 3 = \quad 30 \div 3 = \quad 18 \div 3 = \quad 9 \div 3 = \]
Lesson 6

Write the multiples of 8.

11. ____ ____ ____ ____ ____ ____ ____ ____ ____ ____

Solve.

12. \[
\begin{array}{c}
\text{\$3.84} \\
\times 4
\end{array}
\hspace{1cm}
\begin{array}{c}
\text{60} \\
\times 7
\end{array}
\hspace{1cm}
\begin{array}{c}
\text{738} \\
\times 6
\end{array}
\hspace{1cm}
\begin{array}{c}
\text{94} \\
\times 5
\end{array}
\]

Write the answers.

13. \[
\begin{array}{c}
\frac{1}{2} \text{ of 88} = \text{______} \\
\frac{1}{3} \text{ of 21} = \text{______} \\
\frac{1}{4} \text{ of 20} = \text{______}
\end{array}
\]

Measure each line to the nearest inch or centimeter.

14. ____ in

15. ____ in

16. ____ cm

17. ____ cm

Find the answer.

18. The sidewalk from the Rushville Post Office to the street is 27 feet long. How many yards is that?

27 feet = _____ yards

Write the number shown by each dial.

19. 

Write the answers.

20. 4 gallons = _______ quarts 6 gallons = _______ quarts
Lesson 6

How many days are in each month if this is not a leap year?

21. Jan  Feb  March  April  May  June  July  Aug  Sept  Oct  Nov  Dec

Round two-digit numbers to the nearest 10.
Round three-digit numbers to the nearest 100.

22.  615 ______  21 ______  872 ______  76 ______

Write a number sentence and solve.

23. Twenty-seven divided equally among three. ________________

24. Thirty-six marbles shared equally among four boys. ________________

25. Twelve cookies shared equally among four children. ________________

Use the map of Rushville on page iv. Circle the correct answers.

26. Do Main Street and Oak Street intersect each other? yes no

27. Two streets that are parallel are Rendall Avenue and Main Street
    Tinney Avenue and Rendall Avenue.

Find half of each number.

28. \( \frac{1}{2} \) of 68 = ______  \( \frac{1}{2} \) of 46 = ______  \( \frac{1}{2} \) of 24 = ______

---

Fact Focus

29.  0  9  1  5  10  8 8 + 4 = _____  4 ÷ 4 = _____
    \( \times 6 \) \( \times 6 \) \( \times 6 \) \( \times 6 \) \( \times 6 \) \( \times 6 \)
    20 + 4 = _____  28 ÷ 4 = _____
    12 ÷ 4 = _____  16 ÷ 4 = _____

30. \( \overline{5)40} \)  \( \overline{5)50} \)  \( \overline{5)35} \)  \( \overline{5)20} \)
    32 ÷ 4 = _____  36 ÷ 4 = _____
    40 ÷ 4 = _____  24 ÷ 4 = _____