

4



- ☐ Count by 9's to 90.
- ☐ Practice the $\times 2$ and $\times 6$ flash cards for 5 minutes.
- ☐ Do Speed Drill 4 on page 62.
- ☐ Record your score in the graph on page 60.

Read to your teacher.

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

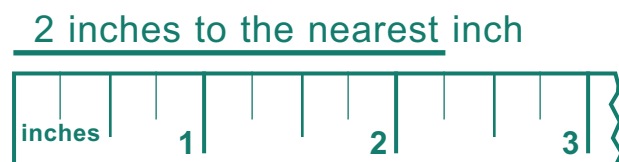
When a measure reaches the **half-inch** mark or more, round to the next inch.

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.



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

1.  _____ in

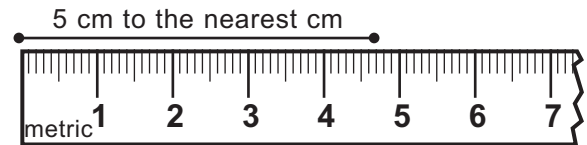
2.  _____ in

3.  _____ in

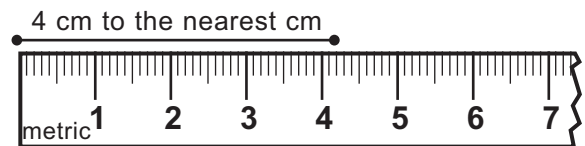
Rounding to the Nearest Centimeter

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. _____ cm 

5. _____ cm 

6. _____ cm 

7. _____ cm 



We Remember

Write the multiples of 8.

8. _____

Lesson 4

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

$$\begin{array}{r} 80,242 \\ -36,547 \\ \hline \end{array}$$

$$\begin{array}{r} 34,579 \\ +58,468 \\ \hline \end{array}$$

$$\begin{array}{r} 68,127 \\ -47,989 \\ \hline \end{array}$$

$$\begin{array}{r} 7,001 \\ -297 \\ \hline \end{array}$$

$$\begin{array}{r} 6,395 \\ 6,946 \\ +3,266 \\ \hline \hline \end{array}$$



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?

Solution

Solution



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?

Solution

Write the quotients.

12. $0 \div 3 = \underline{\quad}$ $27 \div 3 = \underline{\quad}$ $15 \div 3 = \underline{\quad}$ $21 \div 3 = \underline{\quad}$ $6 \div 3 = \underline{\quad}$

13. $9 \div 9 = \underline{\quad}$ $4 \div 1 = \underline{\quad}$ $3 \div 3 = \underline{\quad}$ $6 \div 6 = \underline{\quad}$ $10 \div 1 = \underline{\quad}$

14. $24 \div 3 = \underline{\quad}$ $18 \div 3 = \underline{\quad}$ $30 \div 1 = \underline{\quad}$ $12 \div 3 = \underline{\quad}$ $9 \div 3 = \underline{\quad}$

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. $92,589 + 4,647$

$16,941 - 7,552$

Write the answers.

19. $\frac{1}{4}$ of 36 = _____

$\frac{1}{4}$ of 20 = _____

$\frac{1}{4}$ of 12 = _____

Fill in the blanks.

20. 1 kg = _____ g

1 t = _____ lb

1 min = _____ sec

21. 1 leap yr = _____ days

1 yd = _____ ft

1 lb = _____ oz

22. 1 metric t = _____ kg

1 qt = _____ pt

1 day = _____ hr

Find one-third of each number.

23. $\frac{1}{3}$ of 9 = _____

$\frac{1}{3}$ of 15 = _____

$\frac{1}{3}$ of 21 = _____

Fact Focus

24. $\begin{array}{r} 8 \\ \times \square \\ \hline 48 \end{array}$ $\begin{array}{r} \square \\ \times 8 \\ \hline 40 \end{array}$ $\begin{array}{r} 7 \\ \times 8 \\ \hline \square \end{array}$ $\begin{array}{r} 8 \\ \times \square \\ \hline 72 \end{array}$ $\begin{array}{r} \square \\ \times 8 \\ \hline 64 \end{array}$

$0 \div 4 = \underline{\quad}$ $24 \div 4 = \underline{\quad}$

$20 \div 4 = \underline{\quad}$ $8 \div 4 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$ $28 \div 4 = \underline{\quad}$

25. $2 \overline{)8}$ $2 \overline{)12}$ $2 \overline{)20}$ $2 \overline{)6}$

$12 \div 4 = \underline{\quad}$ $16 \div 4 = \underline{\quad}$

$36 \div 4 = \underline{\quad}$ $4 \div 4 = \underline{\quad}$

Continue on to next page. $\longrightarrow$

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.

5



☐ 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



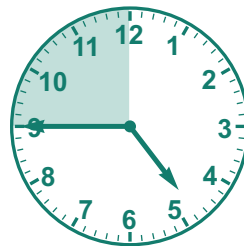
A Quarter After, a Quarter Till

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



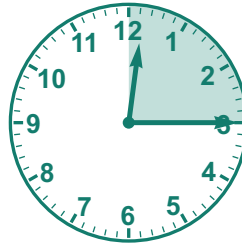
Circle *quarter after* or *quarter till*.



1. quarter after
quarter till



quarter after
quarter till



quarter after
quarter till



quarter after
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

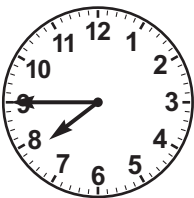
Thirty minutes is half an hour, so 30 minutes past the hour is half past the hour.

half past 10



Circle the correct time.

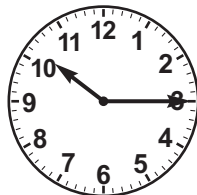
3.



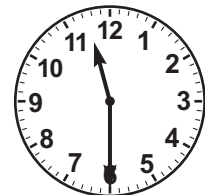
quarter after 7
half past 8
quarter till 8



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

6



- ☐ Count by 4's to 40.
- ☐ Practice the J and $\times 0$ flash cards for 5 minutes.
- ☐ Do Speed Drill 6 on page 63.
- ☐ Record your score in the graph on page 60.

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•spre'•shən) for 6.

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

△ 1. $5 + 3 + 2$ $10 + 0$ _____

Underline four expressions for 7.

2. $3 + 4$ $6 + 1$ 2×3 $14 \div 2$ $1 + 1 + 5$

What number is shown by all of these expressions?

$$20 \div 4 \quad 2 + 2 + 1 \quad 9 - 4 \quad 5 \times 1$$

3. _____

Compare the expressions. Below each expression write the number that is shown. Then write = or $\neq$.

4. 6×6 ? 9×3

_____ _____

$7 + 8$? 4×4

_____ _____

$0 \div 8$? 8×0

_____ _____



We Remember

Write the sums or differences.

					9,782
5.	94,290	49,064	56,903	26,004	4,315
	<u>-17,686</u>	<u>+19,587</u>	<u>-29,286</u>	<u>-19,487</u>	<u>+6,543</u>



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?

Solution



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?

Solution

Write = or $\neq$.

8. $\frac{7}{7}$ _____ 1 $\frac{2}{2}$ _____ 1 $\frac{8}{9}$ _____ 1 $\frac{9}{9}$ _____ 1

Write the quotients.

9. $21 \div 3 =$ _____ $12 \div 3 =$ _____ $15 \div 3 =$ _____ $6 \div 3 =$ _____ $24 \div 3 =$ _____

10. $3 \div 3 =$ _____ $27 \div 3 =$ _____ $30 \div 3 =$ _____ $18 \div 3 =$ _____ $9 \div 3 =$ _____

Lesson 6

Write the multiples of 8.

11. _____

Solve.

$$\begin{array}{r} 12. \quad 890 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} \$3.84 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 738 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ \times 5 \\ \hline \end{array}$$

Write the answers.

13. $\frac{1}{2}$ of 88 = _____

$\frac{1}{3}$ of 21 = _____

$\frac{1}{4}$ of 20 = _____

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.



Write the answers.

20. 4 gallons = _____ quarts

6 gallons = _____ quarts

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 $8 \div 4 =$ _____ $4 \div 4 =$ _____
 $\times 6$ $\times 6$ $\times 6$ $\times 6$ $\times 6$ $\times 6$ $20 \div 4 =$ _____ $28 \div 4 =$ _____
 $12 \div 4 =$ _____ $16 \div 4 =$ _____
 30. $5 \overline{)40}$ $5 \overline{)50}$ $5 \overline{)35}$ $5 \overline{)20}$ $32 \div 4 =$ _____ $36 \div 4 =$ _____
 $40 \div 4 =$ _____ $24 \div 4 =$ _____