

11

Salt is used to melt ice and snow on roads and sidewalks.



- Count forward and backward by 4's to 40.
- Count by even numbers to 30.



- Practice your K and M flash cards for 5 minutes.
- Do Speed Drill 11 on page 84.



- Record your score on page 78.

Order of Factors

NEW

5 groups of 2 equal 10



2 groups of 5 equal 10



NEW

The order of the factors may change. The product is the same.

$$\begin{array}{r}
 2 \\
 \times 5 \\
 \hline
 10
 \end{array}
 \qquad
 \begin{array}{r}
 5 \\
 \times 2 \\
 \hline
 10
 \end{array}$$

←————→

$$\begin{array}{r}
 5 \times 2 = 10 \\
 \times \\
 2 \times 5 = 10
 \end{array}$$

↑↓

Write the other fact by changing the order of factors.

1. $2 \times 6 = 12$ _____ $4 \times 5 = 20$ _____

2.
$$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$$

 **We Remember**



3. "I need some salt for melting ice," said Father. He and James went to Bill's Hardware Store. There were 6 bags of salt left at the store. Father bought $\frac{1}{3}$ of them. How many bags of salt did Father buy?



_____ bags

4.
$$\begin{array}{r} 37 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 793 \\ - 450 \\ \hline \end{array}$$

$$\begin{array}{r} 413 \\ + 456 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} \$2.67 \\ + 3.06 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ 16 \\ + 6 \\ \hline \end{array}$$

Solve. Borrow when necessary.

5.
$$\begin{array}{r} \$1.37 \\ + 4.20 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 47 \\ \hline \end{array}$$

Lesson 11

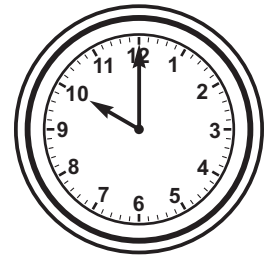
6. It was 9:05 a.m. when Father and James went into the hardware store. It was 9:25 a.m. when they came out. How long were they in the store?

_____ minutes



7. Father showed James how to sprinkle the salt on the icy walkways on their farm. James started his work at 10:00 a.m. It took him 20 minutes to spread the salt. What time was it when James finished?

_____ a.m.



Write the numbers.

8. two thousand _____
9. eight thousand _____
10. four thousand _____



Copy the problems and solve.

11. $201 + 95$

$796 - 10$

$67 - 2$

$22 + 3$

Write the tens that come before and after.

12. _____ 49 _____ _____ 55 _____

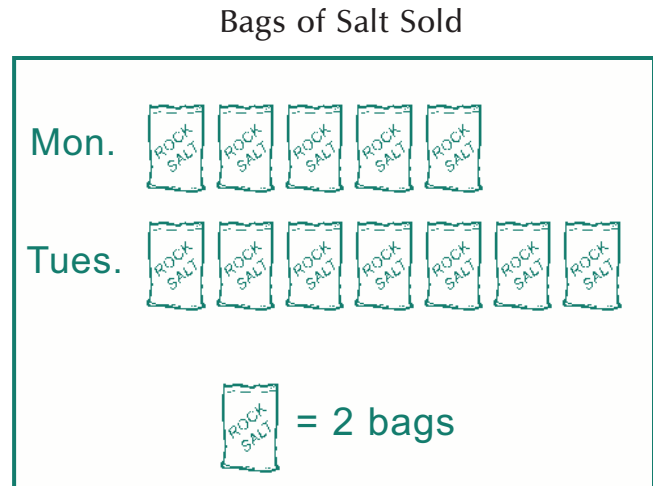
Find the answers on the graph.

13. How many bags of salt were sold on Monday?

_____ bags

14. How many more bags were sold on Tuesday than on Monday?

_____ more bags



Skip count to find the sums. Then write multiplication sentences.

15. $3+3+3+3+3+3+3=$ _____

$10+10+10+10+10=$ _____

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

$2+2+2+2+2+2+2+2=$ _____

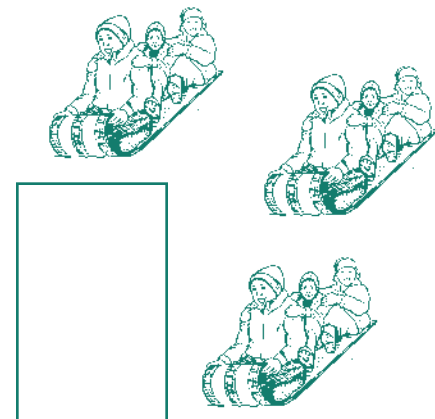
Write a vertical multiplication sentence. Circle the factors.

17. How many toboggans? _____

18. How many children on each? _____

19. How many children in all? _____

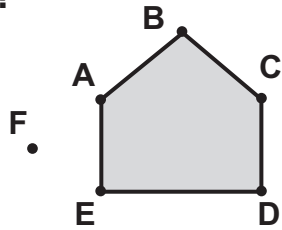
_____ groups of _____ equal _____



Lesson 11



Which points mark the pentagon?



20. _____

21.
$$\begin{array}{r} 5 \\ + \square \\ \hline 12 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 12 \\ - 5 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ + \square \\ \hline 12 \end{array}$$

$$\begin{array}{r} \square \\ + 7 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 9 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 8 \\ + \square \\ \hline 16 \end{array}$$

$$\begin{array}{r} \square \\ - 7 \\ \hline 5 \end{array}$$

Write the numbers.

22. 1 year = _____ months

1 week = _____ days

What part is shaded?

23.

24.

25.

Circle pairs of boots.

26. Seven boots make _____ pairs of boots.



12

Black bear cubs are born in January while the mama bear is in her cozy den.



- Count forward and backward by 10's from 6 to 126.**



- Practice your M and $\times 1$ flash cards for 5 minutes.**

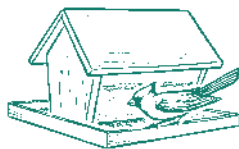
- Do Speed Drill 12 on page 84.**



- Record your score on page 78.**

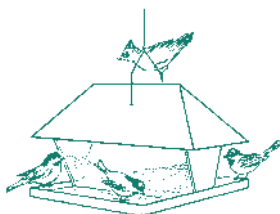
Multiply by 1

Any number times 1 equals the same number.



4 groups of 1 equal 4

$$\underline{\quad 4 \times 1 = 4 \quad}$$



1 group of 4 equals 4

$$\underline{\quad 1 \times 4 = 4 \quad}$$

NEW

NEW

Lesson 12

Multiply by 1. The first two are done for you.

$$\begin{array}{r}
 1 \\
 \times 3 \\
 \hline
 3
 \end{array}
 \quad
 \begin{array}{r}
 5 \\
 \times 1 \\
 \hline
 5
 \end{array}
 \quad
 \begin{array}{r}
 9 \\
 \times 1 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 29 \\
 \times 1 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 72 \\
 \times 1 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 1 \\
 \times 6 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 8 \\
 \times 1 \\
 \hline

 \end{array}$$



We Remember



2. Mama Bear has had cubs four times. The first time she had just 1 cub. The next time she had 2 babies. 3 cubs were born each of the last two times. How many cubs has Mama Bear raised?

_____ cubs

Solution

Write the number.

3. five thousand _____

4. eight thousand _____

$$\begin{array}{r}
 187 \\
 - 53 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 75 \\
 + 32 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 56 \\
 + 19 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 276 \\
 + 462 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 448 \\
 + 71 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 4 \\
 1 \\
 4 \\
 + 8 \\
 \hline

 \end{array}$$

Solve. Borrow when needed.

$$\begin{array}{r}
 63 \\
 - 36 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 52 \\
 - 13 \\
 \hline

 \end{array}
 \quad
 \begin{array}{r}
 85 \\
 - 25 \\
 \hline

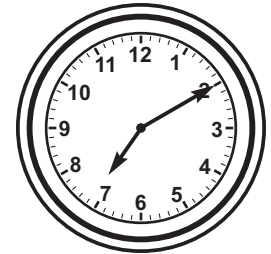
 \end{array}
 \quad
 \begin{array}{r}
 47 \\
 - 8 \\
 \hline

 \end{array}$$

Change the order of the factors.

7. $3 \times 5 = 15$ _____ $4 \times 7 = 28$ _____

8. One evening during a snowstorm the electricity went off at 7:10. "Goody!" said Anna. "Now we can burn candles." The electricity was not off long enough to please Anna. It came back on in 45 minutes. What time did the electricity come back on?



Show three ways to make \$.13.

9.

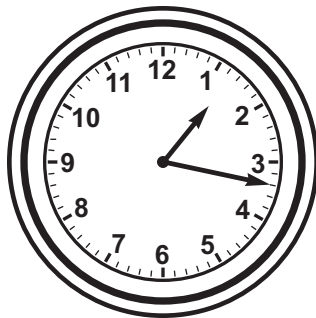
quarters	dimes	nickels	pennies
0		0	
0	0		
0	0		

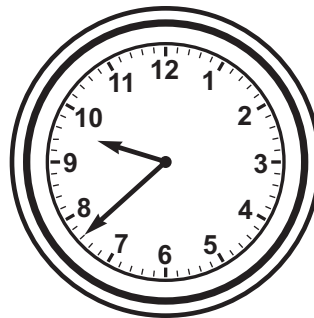


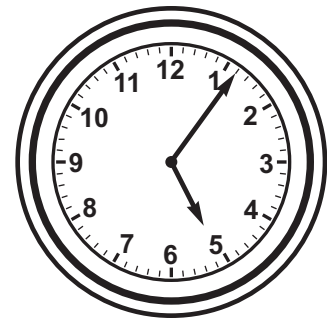
Draw a horizontal line segment that is 4 inches long.

10. •

11.







Lesson 12



12.
$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$\begin{array}{r} \square \\ - 8 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + \square \\ \hline 13 \end{array}$$

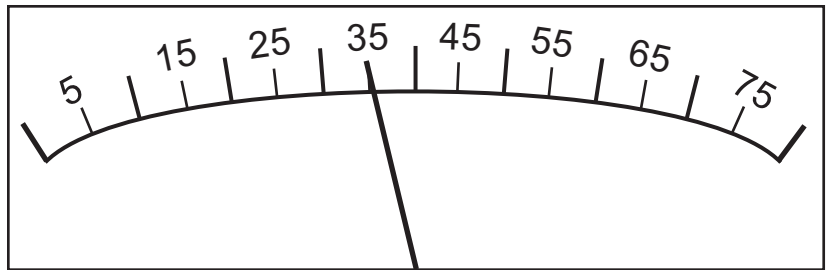
$$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ + \square \\ \hline 15 \end{array}$$

$$\begin{array}{r} \square \\ + 8 \\ \hline 15 \end{array}$$

13. The needle on the speedometer shows how slowly Father drove on the snowy roads. To which number does this speedometer point?



_____ miles per hour

Match.

- | | |
|------------------|-------------------------|
| 14. difference • | • number you add |
| 15. addend • | • answer in addition |
| 16. sum • | • answer in subtraction |

Color the congruent shapes blue.



Write the amounts. Use the cent sign.

18.  _____

19.  _____





Match.

20. fourths •

21. fifths •

22. sixths •

23. eighths •

- 
- 
- 
- 

Fill in the blanks.

24. 1 meter = _____ centimeters

25. 1 yard = _____ inches

26. 1 yard = _____ feet

Write the hundreds that come before and after.

27. _____ 375 _____ 611 _____