

1

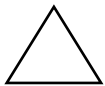
A cat has two sets of vocal cords; one meows and the other one purrs.



- Count by halves to 12.**
- Count by 1's from 1,789 to 1,806.**



- Practice your I and \times I flash cards for 5 minutes.**
- Do Speed Drill I on page 78.**



- Record your score in the graph on page 77.**

**N
E
W**

Unnecessary Numbers in Story Problems

**N
E
W**

Not all the numbers in story problems help us find the solution. Decide what the question is asking and look for only the numbers that will help answer that question.

Anna folded 11 towels, 16 washcloths, and 7 handkerchiefs. How many more washcloths did she fold than handkerchiefs?

The question is asking about washcloths and handkerchiefs, not towels. Even though there are 11 towels, we do not need the number 11 to find our answer.

$$\begin{array}{r} 16 \text{ Number of washcloths} \\ - 7 \text{ Number of handkerchiefs} \\ \hline 9 \text{ Number of washcloths more} \\ \text{than handkerchiefs} \end{array}$$



1. On Shady Maple Farm there are 56 cows, 19 calves, and 3 horses. How many more cows than calves are on the farm?

37 more cows

Solution

$$\begin{array}{r} 41 \\ \cancel{5}6 \\ - 19 \\ \hline 37 \end{array}$$

2. "Yum, watermelon and corn on the cob," said James. "Miss Mary says there is always an even number of rows on an ear of corn. I'm going to count the rows on mine. Yes, there are 18."

"Mine has 18 rows, too," said Anna.

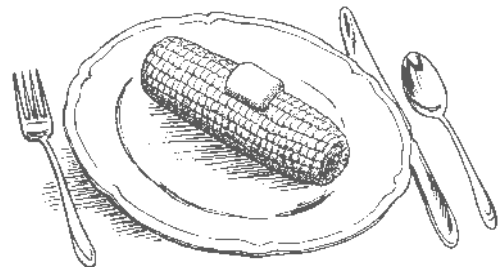
Father said, "This watermelon has 12 stripes around it."

How many rows of kernels were on the two ears of corn?

36 rows

Solution

$$\begin{array}{r} 18 \\ + 18 \\ \hline 36 \end{array}$$



Lesson 1



Write the differences.

$$\begin{array}{r}
 \overset{3}{4} \overset{14}{5} \overset{1}{3} \\
 - 267 \\
 \hline
 186
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{6}{7} \overset{9}{0} \overset{1}{3} \\
 - 349 \\
 \hline
 354
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{5}{6} \overset{1}{1} \overset{1}{9} \\
 - 283 \\
 \hline
 336
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{3}{7} \overset{4}{4} \overset{1}{0} \\
 - 427 \\
 \hline
 313
 \end{array}
 \qquad
 \begin{array}{r}
 \$5.47 \\
 - 1.05 \\
 \hline
 \$4.42
 \end{array}$$

Write the sums.

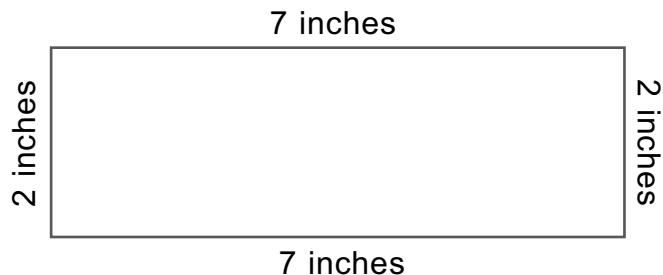
$$\begin{array}{r}
 \overset{1}{8} \overset{0}{0} \overset{5}{5} \\
 + 65 \\
 \hline
 870
 \end{array}
 \qquad
 \begin{array}{r}
 22 \\
 + 34 \\
 \hline
 56
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{1}{3} \overset{4}{4} \overset{6}{6} \\
 + 217 \\
 \hline
 563
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{1}{3} \overset{6}{6} \overset{4}{4} \\
 + 327 \\
 \hline
 691
 \end{array}
 \qquad
 \begin{array}{r}
 32 \\
 40 \\
 + 16 \\
 \hline
 88
 \end{array}
 \qquad
 \begin{array}{r}
 5 \\
 1 \\
 4 \\
 + 9 \\
 \hline
 19
 \end{array}$$



$$\begin{array}{r}
 \overset{7}{\boxed{+ 8}} \\
 \hline
 15
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{7}{\boxed{+ 5}} \\
 \hline
 \boxed{12}
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{6}{\boxed{+ 4}} \\
 \hline
 \boxed{10}
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{11}{\boxed{- 5}} \\
 \hline
 6
 \end{array}
 \qquad
 \begin{array}{r}
 \boxed{14} \\
 - 5 \\
 \hline
 9
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{7}{\boxed{+ 7}} \\
 \hline
 \boxed{14}
 \end{array}
 \qquad
 \begin{array}{r}
 \overset{9}{\boxed{- 4}} \\
 \hline
 \boxed{5}
 \end{array}
 \qquad
 \begin{array}{r}
 \boxed{3} \\
 + 4 \\
 \hline
 7
 \end{array}$$

Find the perimeter of the rectangle.

6. 18 inches



Show your work

$$\begin{array}{r}
 7 \\
 2 \\
 7 \\
 + 2 \\
 \hline
 18
 \end{array}$$

Multiply.

| | | | | | | | | |
|----|------------|------------|------------|------------|-------------|------------|------------|------------|
| 7. | 0 | 8 | 1 | 2 | 2 | 5 | 5 | 10 |
| | $\times 0$ | $\times 0$ | $\times 7$ | $\times 4$ | $\times 10$ | $\times 1$ | $\times 9$ | $\times 7$ |
| | <u>0</u> | <u>0</u> | <u>7</u> | <u>8</u> | <u>20</u> | <u>5</u> | <u>45</u> | <u>70</u> |

Write the fact. Then write the sum or difference. Use your head.

| | | | |
|----|----------------------------|----------------------------|----------------------------|
| | $7 - 3 = 4$ | $5 + 3 = 8$ | $8 - 3 = 5$ |
| 8. | $70 - 30 = \underline{40}$ | $50 + 30 = \underline{80}$ | $80 - 30 = \underline{50}$ |

| | | | |
|----|-------------------------------|-------------------------------|-------------------------------|
| | $9 - 5 = 4$ | $5 + 2 = 7$ | $7 + 2 = 9$ |
| 9. | $900 - 500 = \underline{400}$ | $500 + 200 = \underline{700}$ | $700 + 200 = \underline{900}$ |

Match by writing the correct letter.

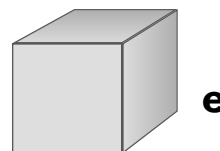
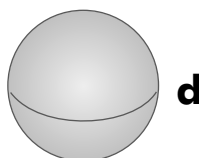
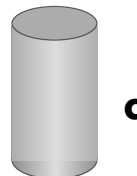
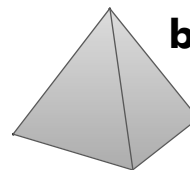
10. cube e

11. sphere d

12. cylinder c

13. pyramid b


14. cone a



Lesson 1

Measure the line segments to one-fourth of an inch.

15.  $3\frac{1}{4}$ inches

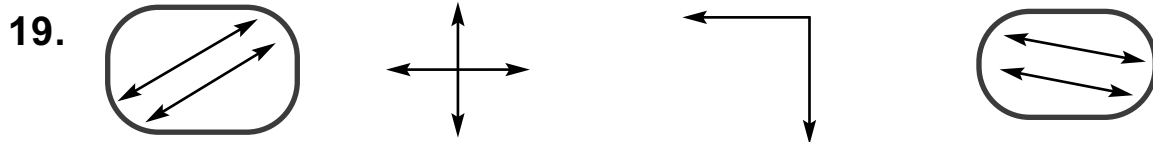
16.  $2\frac{3}{4}$ inches

Subtract in your head. Then write the difference.

17. $17 - 4 = \underline{13}$ $58 - 3 = \underline{55}$ $95 - 4 = \underline{91}$

18. $57 - 2 = \underline{55}$ $29 - 5 = \underline{24}$ $33 - 2 = \underline{31}$

Circle the parallel lines.

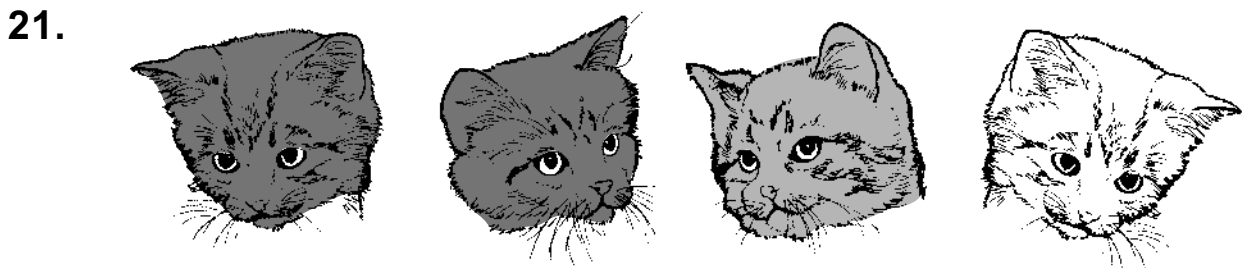


Answer each side of the box first. Then write $<$, $>$, or $=$.

20. 5×5 3×10 9×0 2×3 7×2 $8 + 6$
 $\underline{25} < \underline{30}$ $\underline{0} < \underline{6}$ $\underline{14} = \underline{14}$

**Color two-quarters of the kittens gray.
 Color one-quarter of the kittens yellow.**

Two kittens should be gray.
 One kitten should be yellow.



2

It takes baby chicks about 21 days to hatch.



- Count by 1's from 1,545 to 1,565.
- Count backward by 1's from 100 to 80.



- Practice your H and $\times 10$ flash cards for 5 minutes.
- Do Speed Drill 2 on page 78.



- Record your score in the graph on page 77.

F
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T

From Eggs to Turkeys

Turkey eggs take about 28 days to hatch.

Count the days on the calendar.

How many weeks is this? 4 weeks



| May | | | | | | |
|-----|----|----|----|----|----|----|
| S | M | T | W | T | F | S |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

F
I
N
D
O
U
T

Lesson 2



We Remember



1. “My pet hen, Mrs. Cluck, has 12 baby chicks,” said James, “and Anna’s hen has 9 chicks.”
 “Mitten’s Kitten has 5 kittens,” added Lucy.
 How many baby chicks are there altogether?

Solution

$$\begin{array}{r} | \\ 12 \\ + 9 \\ \hline 21 \end{array}$$

21 chicks

Write the differences and sums.

$$\begin{array}{r} 7 | \\ 480 \\ - 153 \\ \hline 327 \end{array} \quad \begin{array}{r} 6 | \\ 748 \\ - 462 \\ \hline 286 \end{array} \quad \begin{array}{r} 5 \ 9 | \\ 602 \\ - 238 \\ \hline 364 \end{array} \quad \begin{array}{r} 6 \ 13 | \\ 745 \\ - 478 \\ \hline 267 \end{array} \quad \begin{array}{r} 59 \\ - 47 \\ \hline 12 \end{array}$$

$$\begin{array}{r} | \\ 137 \\ + 55 \\ \hline 192 \end{array} \quad \begin{array}{r} | \\ 365 \\ + 590 \\ \hline 955 \end{array} \quad \begin{array}{r} | \\ 56 \\ + 45 \\ \hline 101 \end{array} \quad \begin{array}{r} | \\ 637 \\ + 243 \\ \hline 880 \end{array} \quad \begin{array}{r} | \ | \\ \$2.99 \\ + 3.99 \\ \hline \$6.98 \end{array}$$

Fill in the blanks.

4. 1 liter = a little more than 1 quart
 5. 1 tablespoon = 3 teaspoons
 6. 1 gallon = 4 quarts
 7. 1 pound = 16 ounces

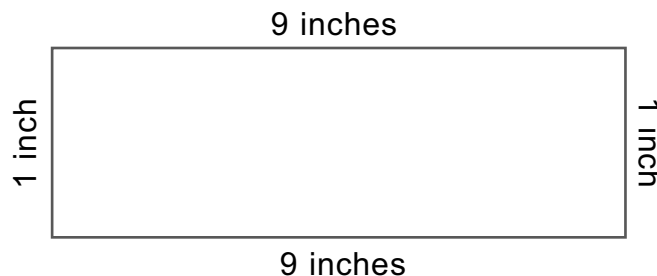
Write the fact. Then write the sum or difference. Use your head.

8. $4 - 2 = 2$ $7 - 3 = 4$ $4 + 2 = 6$
 $40 - 20 = \underline{20}$ $70 - 30 = \underline{40}$ $40 + 20 = \underline{60}$

9. $8 - 6 = 2$ $5 + 4 = 9$ $9 - 7 = 2$
 $800 - 600 = \underline{200}$ $500 + 400 = \underline{900}$ $900 - 700 = \underline{200}$

Find the perimeter of the rectangle.

10. 20 inches



Show your work

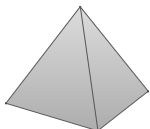
$$\begin{array}{r} 9 \\ - 9 \\ + 1 \\ \hline 20 \end{array}$$

Add or subtract in your head. Then write the answer.

11. $32 + 5 = \underline{37}$ $67 - 2 = \underline{65}$ $88 - 6 = \underline{82}$

Name the solids.

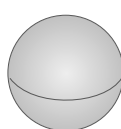
△ 12.



pyramid



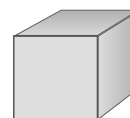
cone



sphere



cylinder



cube

Write the hundreds that come before and after.

Circle the hundred that is nearer.


13. 400 ₄₆₁ **(500)** **(800)** ₈₂₈ 900

Lesson 2

Multiply.

14. $\begin{array}{r} 0 \\ \times 1 \\ \hline 0 \end{array}$ $\begin{array}{r} 0 \\ \times 9 \\ \hline 0 \end{array}$ $\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$ $\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$ $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ $\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$ $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$ $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$

Measure the line segment to one-fourth of an inch.

15.  $\underline{2\frac{1}{4}}$ inches

Use a red crayon to trace the two sides of this polygon that are parallel.



Write the number for n .

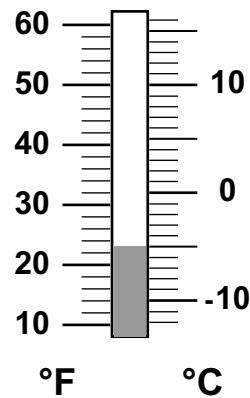
17. $n = 2 \times 5$ $5 \times n = 0$ $3 + n = 10$ $n + 5 = 13$
 $n = \underline{10}$ $n = \underline{0}$ $n = \underline{7}$ $n = \underline{8}$



18. $\begin{array}{r} 2 \\ \boxed{+ 9} \\ \hline 11 \end{array}$ $\begin{array}{r} 4 \\ + 4 \\ \hline \boxed{8} \end{array}$ $\begin{array}{r} 14 \\ - 7 \\ \hline \boxed{7} \end{array}$ $\begin{array}{r} 9 \\ \boxed{+ 6} \\ \hline 15 \end{array}$ $\begin{array}{r} \boxed{11} \\ - 6 \\ \hline 5 \end{array}$ $\begin{array}{r} 10 \\ - 4 \\ \hline \boxed{6} \end{array}$ $\begin{array}{r} 12 \\ - 5 \\ \hline \boxed{7} \end{array}$ $\begin{array}{r} \boxed{8} \\ + 7 \\ \hline 15 \end{array}$

What is the Celsius temperature?

19. -5°C



Write a fraction for the part that is shaded. Circle equal fractions.

20. $\frac{3}{5}$ $\frac{4}{8}$ $\frac{3}{6}$

Circle the problems that have equal sums. You do not need to add.

21. $\begin{array}{r} 6 \\ 9 \\ 5 \\ + 8 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ 1 \\ 5 \\ + 2 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ 6 \\ 9 \\ + 5 \\ \hline \end{array}$ 22. $\begin{array}{r} 4 \\ 6 \\ 3 \\ + 0 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ 2 \\ 4 \\ + 1 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ 3 \\ 0 \\ + 4 \\ \hline \end{array}$

Expand each number.

23. $2,961 = \underline{2,000} + \underline{900} + \underline{60} + \underline{1}$

24. $4,785 = \underline{4,000} + \underline{700} + \underline{80} + \underline{5}$

Write the tens that come before and after.

Circle the ten that is nearer.

25. $\textcircled{30}$ ₃₂ 40 60 ₆₉ $\textcircled{70}$