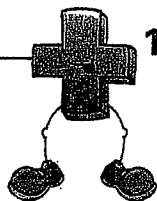
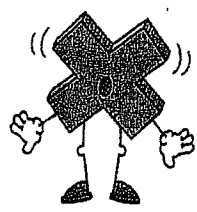


- | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|
| 1. $3 - 5 = \underline{\quad}$ | 2. $9 + 2 = \underline{\quad}$ | 3. $6 \times 5 = \underline{\quad}$ |
| 4. $17 - 9 = \underline{\quad}$ | 5. $1 \times 2 = \underline{\quad}$ | 6. $15 - 9 = \underline{\quad}$ |
| 7. $0 \div 3 = \underline{\quad}$ | 8. $10 \div 2 = \underline{\quad}$ | 9. $30 \div 6 = \underline{\quad}$ |
| 10. $3 \times 6 = \underline{\quad}$ | 11. $4 \times 3 = \underline{\quad}$ | 12. $6 + 9 = \underline{\quad}$ |
| 13. $6 + 4 = \underline{\quad}$ | 14. $13 + 5 = \underline{\quad}$ | 15. $27 \div 3 = \underline{\quad}$ |
| 16. $20 \div 4 = \underline{\quad}$ | 17. $6 - 0 = \underline{\quad}$ | 18. $9 \times 7 = \underline{\quad}$ |



Find the missing number.

- | | | |
|---------------------------|-----------------------------|-----------------------------|
| 19. $18 \div \square = 6$ | 20. $\square \div 4 = 8$ | 21. $\square + 6 = 12$ |
| 22. $5 + \square = 6$ | 23. $3 \times \square = 21$ | 24. $4 \times \square = 36$ |
| 25. $10 - \square = 3$ | 26. $\square \div 6 = 4$ | 27. $\square - 6 = 7$ |
| 28. $24 \div \square = 3$ | 29. $\square + 4 = 9$ | 30. $\square \times 7 = 0$ |



1. Cammie has 3 coins worth 11¢. What are the coins?

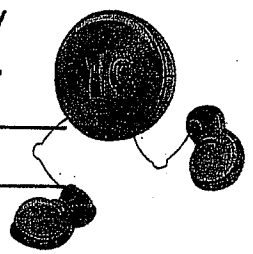
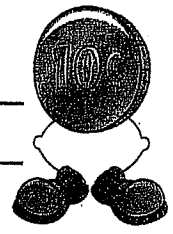
3. Frankie has 5 coins worth 17¢. What 5 coins add up to 17¢?

5. Jake has 4 coins. One of them is a quarter. The value of his coins is 45¢. What coins does he have?

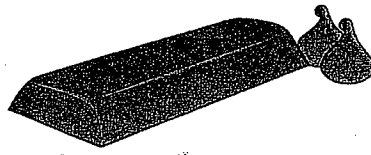
2. Janet has 6 coins worth 47¢. What are the coins?

4. Tenley has 7 coins. The value of the coins is 20¢. Find 7 coins with the value of 20¢.

6. Gary has 6 coins worth 40¢. Find the 6 coins that Gary has with the value of 40¢.



Problem Solving.



1. Jennifer bought a package of candy for \$2.50. The tax was 19¢. She used a coupon for 42¢ off the price of the candy. How much did she pay? _____
2. Elsie worked at a grocery store keeping the shelves full. She worked 4 hours on Wednesday and 5 hours on Friday. She earned \$5 an hour. How much did she earn that week? _____
3. Randy bought a box of cookies for \$1.98. He used a 20¢ coupon. On this particular day, the store took off double the coupon's value. How much did Randy pay for that box of cookies? _____
4. Bradley bought a shirt for \$5 off the original price of \$24. The tax was \$1.40. How much did Bradley pay? _____
5. Gayle bought a 6-pack of canned orange juice for \$2.89. The store had a special for 74¢ off the original price. The tax was 60¢. How much did Gayle spend? _____



Divide to find the quotient.

1. $4 \overline{)28}$
2. $5 \overline{)40}$
3. $7 \overline{)49}$
4. $6 \overline{)30}$
5. $8 \overline{)72}$
6. $9 \overline{)45}$
7. $8 \overline{)32}$
8. $3 \overline{)15}$
9. $7 \overline{)56}$
10. $6 \overline{)24}$
11. $7 \overline{)14}$
12. $6 \overline{)54}$
13. $9 \overline{)9}$
14. $7 \overline{)28}$
15. $6 \overline{)42}$
16. $8 \overline{)56}$
17. $7 \overline{)35}$
18. $6 \overline{)48}$
19. $9 \overline{)81}$
20. $8 \overline{)24}$



Multiplication with Three Factors. Find the product of the three factors.



EXAMPLE: $6 \times 1 \times 3 = 6 \times 1 = 6 \times 3 = 18$

1. $2 \times 4 \times 2 = \underline{\quad}$ 2. $3 \times 3 \times 5 = \underline{\quad}$ 3. $4 \times 2 \times 2 = \underline{\quad}$ 4. $2 \times 5 \times 1 = \underline{\quad}$

5. $4 \times 2 \times 4 = \underline{\quad}$ 6. $2 \times 3 \times 7 = \underline{\quad}$ 7. $0 \times 9 \times 9 = \underline{\quad}$ 8. $3 \times 2 \times 3 = \underline{\quad}$

9. $3 \times 3 \times 3 = \underline{\quad}$ 10. $5 \times 2 \times 2 = \underline{\quad}$ 11. $4 \times 2 \times 5 = \underline{\quad}$ 12. $2 \times 3 \times 6 = \underline{\quad}$

13. $1 \times 2 \times 3 = \underline{\quad}$ 14. $3 \times 3 \times 0 = \underline{\quad}$ 15. $3 \times 5 \times 0 = \underline{\quad}$ 16. $1 \times 3 \times 5 = \underline{\quad}$

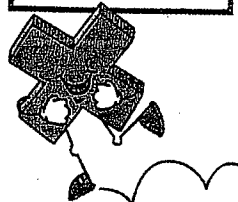
17. $2 \times 3 \times 4 = \underline{\quad}$ 18. $2 \times 2 \times 3 = \underline{\quad}$ 19. $4 \times 3 \times 2 = \underline{\quad}$ 20. $8 \times 1 \times 8 = \underline{\quad}$



Find the product by multiplying.

EXAMPLE:

1
12
<u>x 6</u>
72

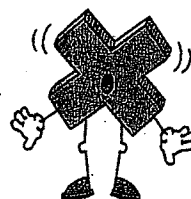


1. $\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$ 2. $\begin{array}{r} 22 \\ \times 6 \\ \hline \end{array}$ 3. $\begin{array}{r} 18 \\ \times 2 \\ \hline \end{array}$ 4. $\begin{array}{r} 23 \\ \times 4 \\ \hline \end{array}$

5. $\begin{array}{r} 23 \\ \times 7 \\ \hline \end{array}$ 6. $\begin{array}{r} 34 \\ \times 6 \\ \hline \end{array}$ 7. $\begin{array}{r} 16 \\ \times 5 \\ \hline \end{array}$ 8. $\begin{array}{r} 78 \\ \times 5 \\ \hline \end{array}$



9. $\begin{array}{r} 86 \\ \times 7 \\ \hline \end{array}$ 10. $\begin{array}{r} 69 \\ \times 9 \\ \hline \end{array}$ 11. $\begin{array}{r} 57 \\ \times 4 \\ \hline \end{array}$ 12. $\begin{array}{r} 62 \\ \times 6 \\ \hline \end{array}$ 13. $\begin{array}{r} 97 \\ \times 7 \\ \hline \end{array}$



Place Value Division Patterns. We know that $8 \div 2 = 4$, so $80 \div 2 = 40$, and $800 \div 2 = 400$. Do the following division patterns.



- | | | |
|-------------------------|----------------------|-----------------------|
| 1. $9 \div 3 =$ _____ | $90 \div 3 =$ _____ | $900 \div 3 =$ _____ |
| 2. $8 \div 2 =$ _____ | $80 \div 2 =$ _____ | $800 \div 2 =$ _____ |
| 3. $12 \div 4 =$ _____ | $120 \div 4 =$ _____ | $1200 \div 4 =$ _____ |
| 4. $6 \div 3 =$ _____ | $60 \div 3 =$ _____ | $600 \div 3 =$ _____ |
| 5. $30 \div 6 =$ _____ | $300 \div 6 =$ _____ | $3000 \div 6 =$ _____ |
| 6. $72 \div 8 =$ _____ | $720 \div 8 =$ _____ | $7200 \div 8 =$ _____ |
| 7. $32 \div 8 =$ _____ | $320 \div 8 =$ _____ | $3200 \div 8 =$ _____ |
| 8. $49 \div 7 =$ _____ | $490 \div 7 =$ _____ | $4900 \div 7 =$ _____ |
| 9. $56 \div 8 =$ _____ | $560 \div 8 =$ _____ | $5600 \div 8 =$ _____ |
| 10. $25 \div 5 =$ _____ | $250 \div 5 =$ _____ | $2500 \div 5 =$ _____ |



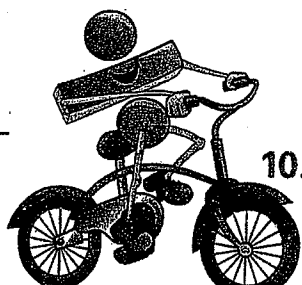
Find the quotients and the remainders. Use a separate piece of paper to show your work.



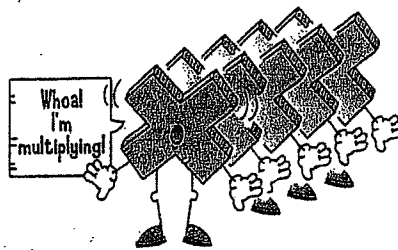
EXAMPLE:

$$\begin{array}{r}
 12 \text{ R } 2 \\
 3 \overline{) 38} \\
 \underline{-3} \\
 8 \\
 \underline{-6} \\
 2
 \end{array}$$

- | | |
|------------------------|-------------------------|
| 1. $3 \overline{) 95}$ | 2. $4 \overline{) 47}$ |
| 3. $4 \overline{) 85}$ | 4. $5 \overline{) 58}$ |
| 5. $2 \overline{) 65}$ | 6. $9 \overline{) 100}$ |
| 8. $5 \overline{) 57}$ | 7. $7 \overline{) 79}$ |
| 9. $3 \overline{) 37}$ | 10. $4 \overline{) 87}$ |



Multiplying with tens and hundreds is fast and fun.



- | | | |
|--|--|---|
| 1. $4 \times 10 = \underline{\quad}$ | 2. $600 \times 6 = \underline{\quad}$ | 3. $7 \times 800 = \underline{\quad}$ |
| 4. $30 \times 8 = \underline{\quad}$ | 5. $5 \times 20 = \underline{\quad}$ | 6. $800 \times 5 = \underline{\quad}$ |
| 7. $8 \times 90 = \underline{\quad}$ | 8. $50 \times 6 = \underline{\quad}$ | 9. $600 \times 5 = \underline{\quad}$ |
| 10. $4 \times 100 = \underline{\quad}$ | 11. $7 \times 80 = \underline{\quad}$ | 12. $7 \times 500 = \underline{\quad}$ |
| 13. $900 \times 7 = \underline{\quad}$ | 14. $600 \times 4 = \underline{\quad}$ | 15. $900 \times 4 = \underline{\quad}$ |
| 16. $8 \times 900 = \underline{\quad}$ | 17. $800 \times 2 = \underline{\quad}$ | 18. $7 \times 900 = \underline{\quad}$ |
| 19. $3 \times 10 = \underline{\quad}$ | 20. $700 \times 6 = \underline{\quad}$ | 21. $3 \times 800 = \underline{\quad}$ |
| 22. $7 \times 40 = \underline{\quad}$ | 23. $9 \times 10 = \underline{\quad}$ | 24. $10 \times 100 = \underline{\quad}$ |
| 25. $4 \times 60 = \underline{\quad}$ | 26. $80 \times 2 = \underline{\quad}$ | 27. $500 \times 4 = \underline{\quad}$ |
| 28. $7 \times 700 = \underline{\quad}$ | 29. $30 \times 8 = \underline{\quad}$ | 30. $800 \times 6 = \underline{\quad}$ |

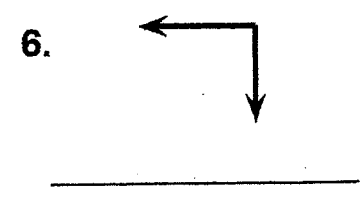
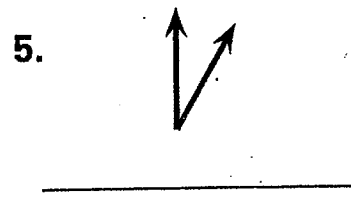
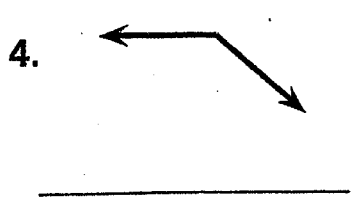
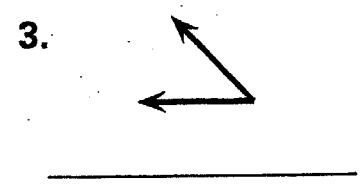
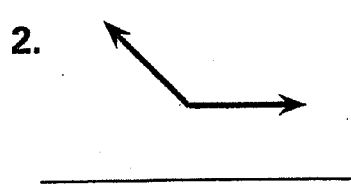
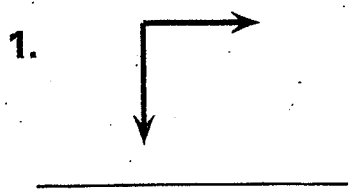


Identify each angle and label it in the space below.

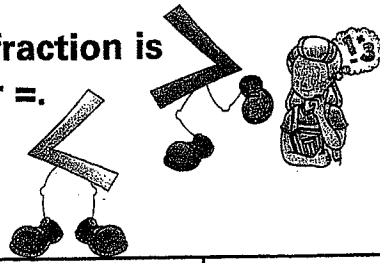
Right Angle—angle that measures 90 degrees (the angle forms a square corner)

Acute Angle—angle that measures less than a right angle, or less than 90 degrees

Obtuse Angle—angle that measures more than 90 degrees, or greater than a right angle



Use the fraction table to help find out which fraction is greater and which fraction is less. Use $>$, $<$, or $=$.



1. $\frac{1}{2} \bigcirc \frac{1}{4}$

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

3. $\frac{1}{4} \bigcirc \frac{1}{6}$

4. $\frac{2}{6} \bigcirc \frac{1}{3}$

5. $\frac{4}{8} \bigcirc \frac{2}{10}$

6. $\frac{1}{12} \bigcirc \frac{1}{10}$

7. $\frac{3}{4} \bigcirc \frac{2}{8}$

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

9. $\frac{3}{8} \bigcirc \frac{10}{12}$

10. $\frac{2}{8} \bigcirc \frac{1}{4}$

11. $\frac{1}{5} \bigcirc \frac{2}{10}$

12. $\frac{1}{3} \bigcirc \frac{2}{4}$

13. $\frac{1}{6} \bigcirc \frac{1}{3}$

14. $\frac{3}{12} \bigcirc \frac{1}{3}$

$\frac{1}{2}$																			
$\frac{1}{3}$																			
$\frac{1}{4}$																			
$\frac{1}{5}$																			
$\frac{1}{6}$																			
$\frac{1}{8}$																			
$\frac{1}{10}$																			
$\frac{1}{12}$																			

Multiplying 3-digit numbers by 1-digit numbers.

EXAMPLE: $\begin{array}{r} 21 \\ 186 \\ \times 3 \\ \hline 558 \end{array}$ $6 \times 3 = 18$ $3 \times 80 = 240$ $3 \times 100 = 300$
 $18 + 240 + 300 = 558$



1. $\begin{array}{r} 162 \\ \times 5 \\ \hline \end{array}$

2. $\begin{array}{r} 398 \\ \times 2 \\ \hline \end{array}$

3. $\begin{array}{r} 904 \\ \times 8 \\ \hline \end{array}$

4. $\begin{array}{r} 329 \\ \times 5 \\ \hline \end{array}$

5. $\begin{array}{r} 240 \\ \times 7 \\ \hline \end{array}$

6. $\begin{array}{r} 432 \\ \times 6 \\ \hline \end{array}$

7. $\begin{array}{r} 412 \\ \times 8 \\ \hline \end{array}$

8. $\begin{array}{r} 542 \\ \times 9 \\ \hline \end{array}$

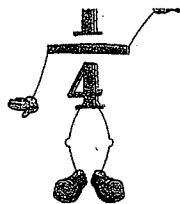
9. $\begin{array}{r} 506 \\ \times 5 \\ \hline \end{array}$

10. $\begin{array}{r} 554 \\ \times 6 \\ \hline \end{array}$

11. $\begin{array}{r} 473 \\ \times 9 \\ \hline \end{array}$

12. $\begin{array}{r} 257 \\ \times 8 \\ \hline \end{array}$

Equal Fractions.



1. $\frac{1}{3} = \frac{\quad}{6}$

2. $\frac{4}{5} = \frac{\quad}{10}$

3. $\frac{10}{10} = \frac{\quad}{6}$

4. $\frac{\quad}{5} = \frac{4}{10}$

5. $\frac{4}{16} = \frac{\quad}{8}$

6. $\frac{12}{12} = \frac{\quad}{10}$

7. $\frac{3}{6} = \frac{\quad}{12}$

8. $\frac{9}{12} = \frac{\quad}{4}$

9. $\frac{\quad}{12} = \frac{4}{6}$

10. $\frac{0}{4} = \frac{\quad}{2}$

11. $\frac{6}{8} = \frac{\quad}{4}$

12. $\frac{1}{2} = \frac{\quad}{10}$

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

14. $\frac{3}{9} = \frac{\quad}{3}$

15. $\frac{\quad}{15} = \frac{2}{3}$

16. $\frac{2}{3} = \frac{\quad}{12}$



Adding Fractions.

$$\frac{1}{3} + \frac{2}{3} = \frac{3}{3}$$

← add the numerator
← use the same denominator



1. $\frac{1}{3} + \frac{1}{3} =$

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

3. $\frac{6}{12} + \frac{5}{12} =$

4. $\frac{11}{12} + \frac{11}{12} =$

5. $\frac{5}{8} + \frac{2}{8} =$

6. $\frac{3}{10} + \frac{4}{10} =$

7. $\frac{1}{6} + \frac{2}{6} =$

8. $\frac{7}{10} + \frac{6}{10} =$

9. $\frac{1}{4} + \frac{2}{4} =$

10. $\frac{1}{8} + \frac{6}{8} =$

11. $\frac{4}{9} + \frac{4}{9} =$

12. $\frac{2}{8} + \frac{4}{8} =$

13. $\frac{3}{6} + \frac{1}{6} =$

14. $\frac{4}{12} + \frac{5}{12} =$

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

16. $\frac{8}{12} + \frac{5}{12} =$

Rename these fractions.



EXAMPLE:

1. $\frac{5}{4} = 1\frac{1}{4}$

2. $\frac{10}{3} =$

3. $\frac{9}{8} =$

4. $\frac{8}{3} =$

5. $\frac{5}{2} =$

6. $\frac{7}{4} =$

7. $\frac{10}{3} =$

8. $\frac{11}{10} =$

9. $\frac{10}{7} =$

10. $\frac{19}{8} =$

11. $\frac{25}{10} =$

12. $\frac{9}{5} =$

13. $\frac{31}{10} =$

14. $\frac{23}{10} =$

15. $\frac{17}{8} =$

16. $\frac{13}{3} =$



Add and rename fractions where needed.



EXAMPLE:

1. $\frac{3}{4} + \frac{2}{4} = \frac{5}{4}$ or $1\frac{1}{4}$

2. $\frac{6}{10} + \frac{8}{10} =$

3. $\frac{3}{4} + \frac{5}{4} =$

4. $\frac{9}{11} + \frac{2}{11} =$

5. $\frac{10}{12} + \frac{14}{12} =$

6. $\frac{6}{11} + \frac{7}{11} =$

7. $\frac{7}{12} + \frac{8}{12} =$

8. $\frac{6}{8} + \frac{5}{8} =$

9. $\frac{5}{15} + \frac{10}{15} =$

10. $\frac{9}{16} + \frac{9}{16} =$

11. $\frac{4}{7} + \frac{5}{7} =$

12. $\frac{8}{9} + \frac{6}{9} =$

Addition and Subtraction with Thousands.

$$\begin{array}{r} 1. \ 5,162 \\ - 2,678 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \ 9,252 \\ - 5,003 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \ 7,825 \\ - 3,148 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \ 3,529 \\ + 7,506 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \ 8,929 \\ + 4,050 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \ 9,341 \\ - 6,037 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \ 2,629 \\ + 7,536 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \ 4,528 \\ + 1,257 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \ 7,932 \\ - 5,847 \\ \hline \end{array}$$

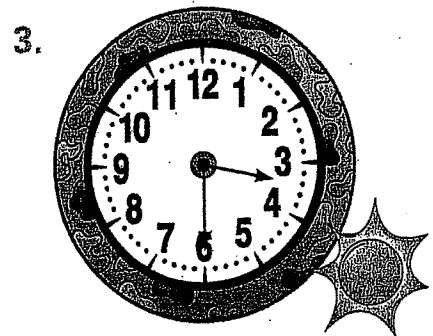
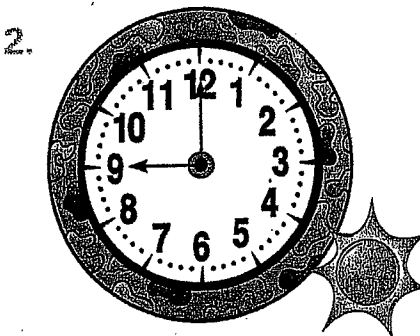
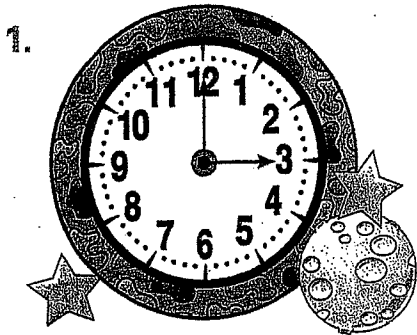
$$\begin{array}{r} 10. \ 9,826 \\ + 1,329 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \ 4,723 \\ + 5,297 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \ 3,872 \\ - 1,799 \\ \hline \end{array}$$



It's about Time! **Remember:** There are 24 hours in a day. The times from midnight to noon are written a.m., and the times from noon to midnight are written p.m. Write down the times. Remember a.m. and p.m.



4. Write the time 50 minutes later than clock 1. _____
5. Write the time 25 minutes earlier than clock 2. _____
6. Write the time 95 minutes later than clock 3. _____
7. How much earlier is clock 1 than clock 2? _____
8. How much later is clock 3 than clock 2? _____
9. If you add 12 hours to clock 1, what time is it? _____
10. What was the time 6 hours earlier on clock 2? _____

figure out large numbers.



Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
	8	6	5	3	7	1	4	3

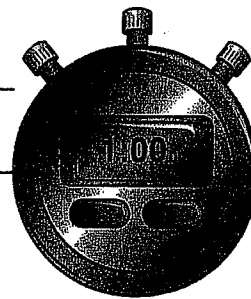
Using the place-value chart to help you, read and write the following numbers. The first one is done for you.

1. Eighty-six million five hundred thirty-seven thousand one hundred forty-three **86,537,143** .
2. Seven hundred eighty-nine million four hundred ninety-six thousand three hundred twenty-one _____.
3. One hundred sixty million seven hundred six thousand one hundred twenty-nine _____.
4. Seventy-one million four hundred eleven thousand eight hundred ninety-nine _____.
5. One hundred million three hundred seventy-five thousand _____.
6. 1,369,000 _____
7. 375,403,101 _____
8. 894,336,045 _____

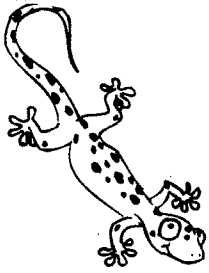


How Many Times in a Minute? Use a stopwatch or a watch with a minute hand to time yourself as you do the following activities. Use that information to calculate how many times you could do those things in 5 minutes, 8 minutes, 10 minutes, and 15 minutes.

1. How far can you hop in a minute? _____
2. How far can you walk in a minute? _____
3. How many jumping jacks can you do in a minute? _____
4. How many times can you toss a ball and catch it in a minute? _____
5. How many times can you bounce a ball in a minute? _____
6. How many times do you breathe in a minute? _____
7. How many times can you write your name in a minute? _____

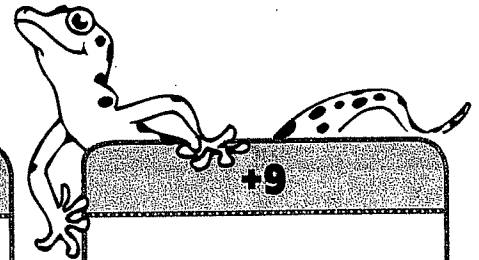


Activity	Minutes				
	1	5	8	10	15
hop					
walk					
jumping jacks					
toss and catch ball					
bounce ball					
breathe					
write name					



Skill Builders +7, +8, +9

Use addition strategies to solve.



+7

$5 + 7 = \underline{\quad}$

$6 + 7 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

$3 + 7 = \underline{\quad}$

$11 + 7 = \underline{\quad}$

$12 + 7 = \underline{\quad}$

$13 + 7 = \underline{\quad}$

$10 + 7 = \underline{\quad}$

$16 + 7 = \underline{\quad}$

$14 + 7 = \underline{\quad}$

$17 + 7 = \underline{\quad}$

+8

$6 + 8 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$2 + 8 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$15 + 8 = \underline{\quad}$

$11 + 8 = \underline{\quad}$

$16 + 8 = \underline{\quad}$

$14 + 8 = \underline{\quad}$

$10 + 8 = \underline{\quad}$

$12 + 8 = \underline{\quad}$

$13 + 8 = \underline{\quad}$

+9

$5 + 9 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$3 + 9 = \underline{\quad}$

$11 + 9 = \underline{\quad}$

$12 + 9 = \underline{\quad}$

$15 + 9 = \underline{\quad}$

$13 + 9 = \underline{\quad}$

$16 + 9 = \underline{\quad}$

$14 + 9 = \underline{\quad}$

$10 + 9 = \underline{\quad}$



Skill Builders -7, -8, -9

Use subtraction strategies to solve.

-7

$10 - 7 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$9 - 7 = \underline{\quad}$

$7 - 7 = \underline{\quad}$

$11 - 7 = \underline{\quad}$

$8 - 7 = \underline{\quad}$

$17 - 7 = \underline{\quad}$

$12 - 7 = \underline{\quad}$

$13 - 7 = \underline{\quad}$

$20 - 7 = \underline{\quad}$

$18 - 7 = \underline{\quad}$

$19 - 7 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

-8

$16 - 8 = \underline{\quad}$

$8 - 8 = \underline{\quad}$

$9 - 8 = \underline{\quad}$

$10 - 8 = \underline{\quad}$

$12 - 8 = \underline{\quad}$

$14 - 8 = \underline{\quad}$

$15 - 8 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$20 - 8 = \underline{\quad}$

$17 - 8 = \underline{\quad}$

$18 - 8 = \underline{\quad}$

$19 - 8 = \underline{\quad}$

$13 - 8 = \underline{\quad}$

-9

$10 - 9 = \underline{\quad}$

$20 - 9 = \underline{\quad}$

$9 - 9 = \underline{\quad}$

$11 - 9 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

$17 - 9 = \underline{\quad}$

$11 - 9 = \underline{\quad}$

$12 - 9 = \underline{\quad}$

$15 - 9 = \underline{\quad}$

$13 - 9 = \underline{\quad}$

$16 - 9 = \underline{\quad}$

$14 - 9 = \underline{\quad}$

$19 - 9 = \underline{\quad}$

Test Your Skills

$$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ \times 6 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 10 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$$

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

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline \end{array}$$

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



Accuracy

- I got them all right!
- I missed a couple.
- I will practice these:
(List up to 5 facts.)

Efficiency

I used these strategies:

- Build on known facts
of $\times 2$, $\times 5$, $\times 10$
- Double $\times 3$, $\times 4$, $\times 6$
- Other

Time

I finished in:

My next goal is:

Test Your Skills

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

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

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 10 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

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

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

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

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$



Accuracy

- I got them all right!
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(List up to 5 facts.)

Efficiency

- I used these strategies:
- Build on known facts
of x2, x5, x10
 - Double x3, x4, x6
 - Other

Time

I finished in:

My next goal is:
