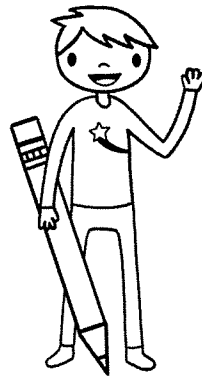
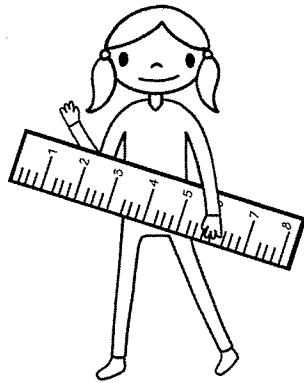


# S.C.S.



summer math packet  
entering 5<sup>th</sup> grade

name: \_\_\_\_\_

Dear Students,

This summer math packet will help you practice the skills you learned this year in order to be successful next year. There are 8 pages of facts practice and 8 pages of skills practice in the packet. I recommend that you do 2 pages each week (one facts practice page and one skills practice page). You will turn in your packet to your new 5<sup>th</sup> grade teacher during the first week of school in August. You will be tested on the skills from this packet at the beginning of the school year.

As you start middle school, you will build upon the many skills you have learned up to this year. Please make sure you have your math facts memorized in order to make the transition an easier one. Refer back to your math binder from this year if you come across something you do not remember well.

I have enjoyed having all of you as my students this year. I will miss you greatly, but I know that you are ready for 5<sup>th</sup> grade. I am proud of all you have accomplished as 4<sup>th</sup> graders and hope you have a wonderful summer!

Sincerely,  
Mrs. Wolf

## Facts Practice 1: Multiplication

Directions: Set timer for 5 minutes.

$6 \times 0 =$

$7 \times 2 =$

$11 \times 5 =$

$10 \times 11 =$

$11 \times 4 =$

$10 \times 11 =$

$9 \times 3 =$

$3 \times 9 =$

$6 \times 11 =$

$7 \times 1 =$

$6 \times 5 =$

$11 \times 4 =$

$4 \times 5 =$

$6 \times 9 =$

$6 \times 8 =$

$4 \times 11 =$

$9 \times 2 =$

$5 \times 2 =$

$10 \times 4 =$

$5 \times 2 =$

$2 \times 1 =$

$7 \times 8 =$

$4 \times 6 =$

$11 \times 5 =$

$6 \times 10 =$

$3 \times 6 =$

$11 \times 8 =$

$2 \times 3 =$

$9 \times 5 =$

$5 \times 7 =$

$5 \times 2 =$

$11 \times 6 =$

$5 \times 0 =$

$4 \times 9 =$

$11 \times 2 =$

$4 \times 7 =$

$9 \times 8 =$

$7 \times 8 =$

$4 \times 8 =$

$9 \times 8 =$

$5 \times 5 =$

$11 \times 9 =$

$10 \times 3 =$

$5 \times 6 =$

$8 \times 4 =$

$3 \times 5 =$

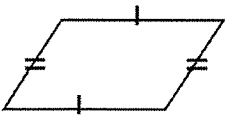

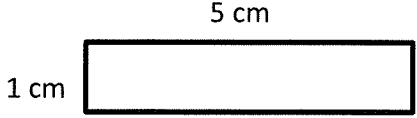
$9 \times 1 =$

$4 \times 8 =$

$12 \times 11 =$

$10 \times 9 =$

Skills Practice 1

<p>1.</p> $\begin{array}{r} 34 \\ \times 28 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 999 \\ + 813 \\ \hline \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $6 \times 7 - 8 \div 4$
<p>4. List the first 5 multiples of:</p> <p>2: _____</p> <p>4: _____</p> <p>6: _____</p>	<p>5. Use the distributive property to solve:</p> $9 \times (4 + 11)$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>61, 55, 49, 43, 37 ...</p>
<p>7. Write two equivalent fractions for each fraction.</p> $\frac{2}{3} =$ $\frac{3}{5} =$	<p>8. Write each improper fraction as a mixed number.</p> $\frac{37}{5} =$ $\frac{19}{4} =$	<p>9. Solve:</p> $19.78 + 4.6 = \underline{\hspace{2cm}}$
<p>10. Classify in as many ways possible.</p> 	<p>11. If there are 12 inches in 1 foot, how many inches are in 3 feet?</p>	<p>12. How much time has elapsed?</p> <p>10:40 P.M. to 1:40 A.M.</p>
<p>13. What is the degree measure of the angle?</p> 	<p>14. Find the area and perimeter.</p> 	<p>15. Sarah has 4 notebooks. Each notebook has 205 pages. How many pages are there in all?</p>

Facts Practice 2: Division

Directions: Set timer for 5 minutes.

1.  $96 \div 12 =$

2.  $9 \div 1 =$

3.  $54 \div 6 =$

4.  $80 \div 10 =$

5.  $72 \div 6 =$

6.  $15 \div 3 =$

7.  $50 \div 10 =$

8.  $70 \div 7 =$

9.  $32 \div 4 =$

10.  $90 \div 9 =$

11.  $9 \div 9 =$

12.  $2 \div 2 =$

13.  $30 \div 6 =$

14.  $22 \div 2 =$

15.  $72 \div 9 =$

16.  $30 \div 10 =$

17.  $99 \div 11 =$

18.  $120 \div 12 =$

19.  $100 \div 10 =$

20.  $20 \div 5 =$

21.  $8 \div 8 =$

22.  $9 \div 9 =$

23.  $11 \div 11 =$

24.  $10 \div 10 =$

25.  $8 \div 1 =$

26.  $66 \div 11 =$

27.  $110 \div 11 =$

28.  $11 \div 1 =$

29.  $9 \div 9 =$

30.  $54 \div 9 =$

31.  $56 \div 7 =$

32.  $36 \div 4 =$

33.  $16 \div 2 =$

34.  $132 \div 12 =$

35.  $22 \div 11 =$

36.  $28 \div 7 =$

37.  $48 \div 6 =$

38.  $120 \div 10 =$

39.  $132 \div 12 =$

40.  $50 \div 5 =$

41.  $35 \div 7 =$

42.  $24 \div 8 =$

43.  $77 \div 7 =$

44.  $72 \div 6 =$

45.  $5 \div 5 =$

46.  $10 \div 10 =$

47.  $2 \div 1 =$

48.  $110 \div 10 =$

49.  $10 \div 10 =$

50.  $12 \div 4 =$



### Facts Practice 3: Multiplication

Directions: Set timer for 5 minutes.

$7 \times 7 =$

$11 \times 7 =$

$12 \times 4 =$

$9 \times 11 =$

$9 \times 9 =$

$6 \times 9 =$

$1 \times 5 =$

$4 \times 8 =$

$10 \times 10 =$

$8 \times 6 =$

$3 \times 6 =$

$11 \times 11 =$

$1 \times 7 =$

$11 \times 9 =$

$9 \times 10 =$

$4 \times 7 =$

$5 \times 5 =$

$1 \times 2 =$

$3 \times 11 =$

$10 \times 8 =$

$6 \times 8 =$

$3 \times 8 =$

$10 \times 12 =$

$4 \times 10 =$

$9 \times 9 =$

$1 \times 4 =$

$7 \times 5 =$

$4 \times 11 =$

$8 \times 4 =$

$4 \times 9 =$

$7 \times 4 =$

$9 \times 2 =$

$3 \times 4 =$

$4 \times 9 =$

$10 \times 5 =$

$3 \times 11 =$

$7 \times 10 =$

$7 \times 9 =$

$5 \times 10 =$

$10 \times 4 =$

$9 \times 9 =$

$3 \times 11 =$

$1 \times 3 =$

$0 \times 5 =$

$9 \times 5 =$

$12 \times 5 =$


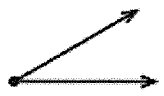

$5 \times 10 =$

$8 \times 9 =$

$5 \times 8 =$

$7 \times 8 =$

Skills Practice 3

<p>1.</p> $\begin{array}{r} 827 \\ \times 32 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 1,675 \\ + 1,092 \\ \hline \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $(24+2) \div 2$
<p>4. List the first 5 multiples of:</p> <p>3: _____</p> <p>5: _____</p> <p>7: _____</p>	<p>5. Use the distributive property to solve:</p> $4 \times (10 + 7)$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>5, 4, 8, 7, 14...</p>
<p>7. Write the fractions as fractions with a common denominator.</p> $\frac{3}{4} \text{ and } \frac{1}{3}$	<p>8. Write each decimal in word form.</p> <p>302.78 _____</p> <p>_____</p> <p>15.023 _____</p> <p>_____</p>	<p>9. Solve:</p> <p><math>14.2 + 0.23 =</math> _____</p>
<p>10. Name the type of angle.</p> 	<p>11. If there are 4 quarts in one gallon, how many gallons are equal to 20 quarts?</p>	<p>12. How much time has elapsed?</p> <p>2:20 P.M. to 5:57 P.M.</p>
<p>13.</p>  <p>What is the best estimate for the measure of this angle?</p> <p>80°, 120°, or 30°</p>	<p>14. Find the area and perimeter.</p> 	<p>15. Carl put 42 cards into equal stacks of 7. How many stacks did he make?</p>



Facts Practice 4: Division

Directions: Set timer for 5 minutes.

1.  $15 \div 5 =$

2.  $72 \div 12 =$

3.  $12 \div 12 =$

4.  $22 \div 11 =$

5.  $120 \div 12 =$

6.  $3 \div 3 =$

7.  $20 \div 4 =$

8.  $2 \div 2 =$

9.  $10 \div 2 =$

10.  $66 \div 11 =$

11.  $132 \div 12 =$

12.  $24 \div 3 =$

13.  $12 \div 4 =$

14.  $50 \div 5 =$

15.  $27 \div 3 =$

16.  $132 \div 11 =$

17.  $11 \div 11 =$

18.  $54 \div 6 =$

19.  $48 \div 6 =$

20.  $9 \div 1 =$

21.  $6 \div 6 =$

22.  $120 \div 12 =$

23.  $20 \div 4 =$

24.  $3 \div 3 =$

25.  $12 \div 2 =$

26.  $60 \div 10 =$

27.  $28 \div 7 =$

28.  $60 \div 12 =$

29.  $22 \div 2 =$

30.  $33 \div 3 =$

31.  $6 \div 1 =$

32.  $20 \div 4 =$

33.  $6 \div 6 =$

34.  $121 \div 11 =$

35.  $81 \div 9 =$

36.  $18 \div 3 =$

37.  $48 \div 8 =$

38.  $18 \div 9 =$

39.  $72 \div 8 =$

40.  $22 \div 11 =$

41.  $100 \div 10 =$

42.  $6 \div 1 =$

43.  $132 \div 12 =$

44.  $6 \div 6 =$

45.  $72 \div 9 =$

46.  $2 \div 1 =$

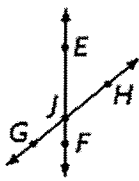
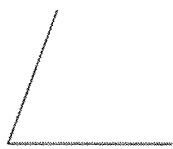

47.  $20 \div 2 =$

48.  $72 \div 12 =$

49.  $40 \div 5 =$

50.  $72 \div 6 =$

Skills Practice 4

<p>1. <math>2,783 \div 5 = \underline{\hspace{2cm}}</math></p>	<p>2. <math display="block">\begin{array}{r} 1,002 \\ - \quad 99 \\ \hline \end{array}</math></p>	<p>3. Solve the expression. Use Order of Operations</p> $18 \div 2 + 4$
<p>4. List the factors of: 9: <u>                                </u>  33: <u>                                </u></p>	<p>5. Use the distributive property to solve:</p> $6 \times (12 + 8)$	<p>6. Name the rule and list the next three terms in the pattern. 56, 67, 78, 89, 100 ...</p>
<p>7. Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> $\frac{4}{9} \quad \text{—} \quad \frac{5}{10}$ $\frac{2}{3} \quad \text{—} \quad \frac{1}{5}$	<p>8. Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> $0.67 \quad \text{—} \quad 0.6$ $3.28 \quad \text{—} \quad 3.289$	<p>9. Solve: <math>67 - 0.2 = \underline{\hspace{2cm}}</math></p>
<p>10. Parallel, perpendicular, or intersecting?</p> 	<p>11. If there are 12 inches in a foot, how many feet would be equal to 72 inches?</p>	<p>12.</p> $500,000 + 30,000 + 400$ $+20 + 7 = \underline{\hspace{2cm}}$
<p>13.  What is the best estimate for the measure of this angle?  <math>80^\circ</math>, <math>120^\circ</math>, or <math>30^\circ</math></p>	<p>14. Find the area and perimeter.</p> 	<p>15. Susie used 0.75 cup of sugar in a batch of brownies. What is the word form of this decimal?</p>

### Facts Practice 5: Multiplication

Directions: Set timer for 5 minutes.

$7 \times 3 =$

$0 \times 2 =$

$1 \times 6 =$

$6 \times 4 =$

$9 \times 4 =$

$6 \times 11 =$

$10 \times 2 =$

$11 \times 3 =$

$11 \times 8 =$

$11 \times 1 =$

$8 \times 10 =$

$3 \times 6 =$

$3 \times 0 =$

$11 \times 5 =$

$11 \times 11 =$

$10 \times 12 =$

$10 \times 10 =$

$2 \times 5 =$

$6 \times 5 =$

$7 \times 1 =$

$8 \times 1 =$

$1 \times 7 =$

$3 \times 1 =$

$2 \times 6 =$

$8 \times 5 =$

$9 \times 8 =$

$5 \times 0 =$

$8 \times 2 =$

$1 \times 0 =$

$10 \times 6 =$

$2 \times 6 =$

$8 \times 11 =$

$6 \times 1 =$

$10 \times 9 =$

$6 \times 11 =$

$9 \times 7 =$

$12 \times 7 =$

$10 \times 1 =$

$6 \times 0 =$

$9 \times 10 =$

$9 \times 4 =$

$5 \times 7 =$

$5 \times 4 =$

$11 \times 5 =$

$4 \times 9 =$

$7 \times 0 =$

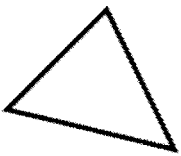

$5 \times 6 =$

$4 \times 8 =$

$1 \times 1 =$

$12 \times 2 =$

Skills Practice 5

<p>1.</p> $\begin{array}{r} 59 \\ \times 8 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 123,192 \\ + 9,585 \\ \hline \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $9 \times (3-1)$
<p>4. List the first 5 multiples of:</p> <p>8: _____</p> <p>9: _____</p> <p>10: _____</p>	<p>5. Use the distributive property to solve:</p> $6 \times (11 + 5)$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>10, 20, 18, 36, 34...</p>
<p>7. Solve.</p> $\frac{10}{15} - \frac{1}{15} =$	<p>8. Order the decimals from least to greatest.</p> <p>38.09; 308.90; 38.04; 38.90</p>	<p>9. Solve:</p> $783.4 + 46.374 = \underline{\hspace{2cm}}$
<p>10. Draw and label: ray LM</p>	<p>11. Fill in the blanks.</p> <p>2 miles = _____ feet</p> <p>20 pints = _____ quarts</p>	<p>12. How much time has elapsed?</p> <p>3:00 A.M. to 7:14 A.M.</p>
<p>13.</p>  <p>Classify the triangle as acute, obtuse, or right.</p>	<p>14. Find the area and perimeter.</p> 	<p>15. Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?</p>

Facts Practice 6: Division

Directions: Set timer for 5 minutes.

1.  $6 \div 2 = \square$

2.  $36 \div 9 = \square$

3.  $81 \div 9 = \square$

4.  $63 \div 9 = \square$

5.  $30 \div 10 = \square$

6.  $12 \div 12 = \square$

7.  $27 \div 9 = \square$

8.  $72 \div 12 = \square$

9.  $27 \div 3 = \square$

10.  $30 \div 6 = \square$

11.  $64 \div 8 = \square$

12.  $132 \div 12 = \square$

13.  $36 \div 4 = \square$

14.  $40 \div 5 = \square$

15.  $7 \div 7 = \square$

16.  $9 \div 9 = \square$

17.  $9 \div 3 = \square$

18.  $66 \div 11 = \square$

19.  $96 \div 12 = \square$

20.  $100 \div 10 = \square$

21.  $6 \div 6 = \square$

22.  $6 \div 3 = \square$

23.  $15 \div 5 = \square$

24.  $44 \div 11 = \square$

25.  $35 \div 5 = \square$

26.  $63 \div 7 = \square$

27.  $15 \div 3 = \square$

28.  $108 \div 12 = \square$

29.  $5 \div 5 = \square$

30.  $32 \div 8 = \square$

31.  $108 \div 12 = \square$

32.  $16 \div 4 = \square$

33.  $90 \div 9 = \square$

34.  $15 \div 5 = \square$

35.  $12 \div 12 = \square$

36.  $70 \div 7 = \square$

37.  $9 \div 9 = \square$

38.  $45 \div 9 = \square$

39.  $1 \div 1 = \square$

40.  $30 \div 10 = \square$

41.  $96 \div 12 = \square$

42.  $24 \div 3 = \square$

43.  $121 \div 11 = \square$

44.  $144 \div 12 = \square$

45.  $8 \div 2 = \square$

46.  $40 \div 10 = \square$

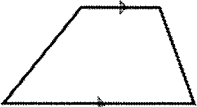

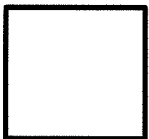
47.  $72 \div 9 = \square$

48.  $20 \div 10 = \square$

49.  $36 \div 9 = \square$

50.  $9 \div 9 = \square$

Skills Practice 6

<p>1. <math>932 \div 3 = \underline{\hspace{2cm}}</math></p>	<p>2.</p> $\begin{array}{r} 121,192 \\ - \quad 3,485 \\ \hline \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $21 \div 3 + (3 \times 9)$
<p>4. List the factors of:</p> <p>12: <u>                                </u></p> <p>30: <u>                                </u></p>	<p>5. Use the distributive property to solve:</p> $7 \times (9 + 9)$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p style="padding-left: 40px;">2, 4, 8, 16, 32...</p>
<p>7. Solve.</p> $\frac{6}{10} + \frac{5}{10} =$	<p>8. Write the number as tenths in fraction form and decimal form.</p> $\frac{40}{100} =$	<p>9. Solve.</p> $18.237 - 15.3$
<p>10. Classify in as many ways possible.</p> 	<p>11.</p> $\begin{array}{r} 781 \\ \times 5 \\ \hline \end{array}$	<p>12. Round to the nearest thousand place.</p> <p>4,799 <u>                                </u></p> <p>12,200 <u>                                </u></p> <p>15,231 <u>                                </u></p>
<p>13.</p>  <p>Classify the triangle as acute, obtuse, or right.</p>	<p>14. Find the area and perimeter.</p> <p style="text-align: center;">15 in</p> <p>15 in </p>	<p>15. On Monday, 387 students went on a trip to the zoo. All 9 buses were filled. How many students were in each bus?</p>

## Facts Practice 7: Multiplication

Directions: Set timer for 5 minutes.

$7 \times 5 =$

$0 \times 4 =$

$4 \times 6 =$

$8 \times 2 =$

$4 \times 1 =$

$12 \times 5 =$

$12 \times 1 =$

$8 \times 2 =$

$7 \times 1 =$

$1 \times 9 =$

$4 \times 4 =$

$11 \times 1 =$

$7 \times 1 =$

$1 \times 3 =$

$4 \times 7 =$

$8 \times 10 =$

$3 \times 8 =$

$3 \times 8 =$

$9 \times 8 =$

$2 \times 3 =$

$5 \times 4 =$

$10 \times 9 =$

$10 \times 2 =$

$5 \times 10 =$

$8 \times 9 =$

$10 \times 11 =$

$0 \times 1 =$

$7 \times 7 =$

$2 \times 2 =$

$4 \times 11 =$

$12 \times 6 =$

$5 \times 11 =$

$4 \times 11 =$

$10 \times 1 =$

$8 \times 6 =$

$8 \times 7 =$

$1 \times 1 =$

$8 \times 4 =$

$8 \times 3 =$

$7 \times 5 =$

$3 \times 7 =$

$2 \times 10 =$

$4 \times 6 =$

$1 \times 4 =$

$11 \times 6 =$

$6 \times 10 =$


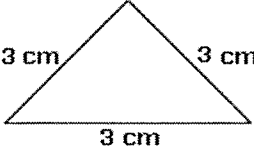

$10 \times 12 =$

$12 \times 5 =$

$5 \times 6 =$

$5 \times 7 =$

Skills Practice 7

<p>1.</p> $\begin{array}{r} 527 \\ \times 14 \\ \hline \end{array}$	<p>2.</p> $\begin{array}{r} 338,289 \\ + 3,784 \\ \hline \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $36 \div 9 + 48 - 10 \div 2$
<p>4. Prime or Composite?</p> <p>9: _____</p> <p>33: _____</p>	<p>5. Use the distributive property to solve:</p> $2 \times (3 + 10)$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>28, 20, 24, 16, 20...</p>
<p>7. Order from least to greatest.</p> $\frac{3}{8}, \frac{1}{4}, \frac{1}{2}$	<p>8. Write the number as hundredths in fraction form and decimal form.</p> $\frac{7}{10} =$	<p>9. Solve:</p> $348.09 + 0.05 = \underline{\hspace{2cm}}$
<p>10. Classify in as many ways possible.</p> 	<p>11. Solve.</p> $437 \div 3$	<p>12. How much time has elapsed?</p> <p>7:20 A.M. to 9:49 A.M.</p>
<p>13.</p>  <p>Classify the triangle by its sides and angles.</p>	<p>14. Find the area and perimeter.</p> 	<p>15. Ben and Michael are brothers. Ben is four times as old as Michael. If Michael is 12, how old is Ben?</p>



## Facts Practice 8: Division

Directions: Set timer for 5 minutes.

1.  $55 \div 11 =$

2.  $110 \div 11 =$

3.  $35 \div 7 =$

4.  $45 \div 5 =$

5.  $40 \div 5 =$

6.  $5 \div 5 =$

7.  $96 \div 12 =$

8.  $8 \div 2 =$

9.  $121 \div 11 =$

10.  $10 \div 2 =$

11.  $110 \div 10 =$

12.  $1 \div 1 =$

13.  $54 \div 6 =$

14.  $10 \div 1 =$

15.  $40 \div 5 =$

16.  $24 \div 3 =$

17.  $3 \div 1 =$

18.  $27 \div 3 =$

19.  $7 \div 1 =$

20.  $12 \div 2 =$

21.  $35 \div 7 =$

22.  $16 \div 4 =$

23.  $70 \div 7 =$

24.  $77 \div 7 =$

25.  $24 \div 12 =$

26.  $10 \div 2 =$

27.  $11 \div 1 =$

28.  $28 \div 7 =$

29.  $4 \div 2 =$

30.  $1 \div 1 =$

31.  $44 \div 11 =$

32.  $33 \div 11 =$

33.  $6 \div 3 =$

34.  $40 \div 4 =$

35.  $35 \div 5 =$

36.  $72 \div 12 =$

37.  $50 \div 10 =$

38.  $3 \div 1 =$

39.  $36 \div 4 =$

40.  $72 \div 6 =$

41.  $80 \div 8 =$

42.  $48 \div 8 =$

43.  $99 \div 11 =$

44.  $72 \div 6 =$

45.  $14 \div 7 =$

46.  $108 \div 12 =$

47.  $60 \div 10 =$

48.  $40 \div 4 =$

49.  $8 \div 4 =$

50.  $10 \div 5 =$

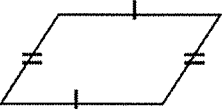




### Facts Practice 1: Multiplication

Answers

0	14	55	110	44
110	27	27	66	7
30	44	20	54	48
44	18	10	40	10
2	56	24	55	60
18	88	6	45	35
10	66	0	36	22
28	72	56	32	72
25	99	30	30	32
15	9	32	132	90

**Skills Practice 1 Answers**

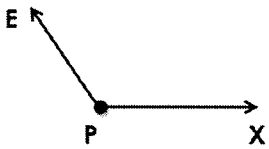
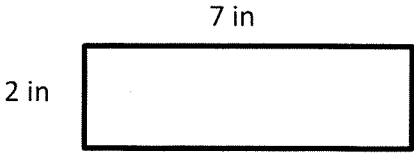
<p>1.</p> $\begin{array}{r} 34 \\ \times 28 \\ \hline 952 \end{array}$	<p>2.</p> $\begin{array}{r} 999 \\ + 813 \\ \hline 1,812 \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $6 \times 7 - 8 \div 4$ $40$
<p>4. List the first 5 multiples of:</p> <p>2: <u>2, 4, 6, 8, 10</u></p> <p>4: <u>4, 8, 12, 16, 20</u></p> <p>6: <u>6, 12, 18, 24, 30</u></p>	<p>5. Use the distributive property to solve:</p> $9 \times (4 + 11)$ $(9 \times 4) + (9 \times 11)$ $36 + 99$ $135$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>61, 55, 49, 43, 37 ...</p> <p><b>31, 25, 19</b></p> <p>Rule: subtract 6</p>
<p>7. Write two equivalent fractions for each fraction.</p> $\frac{2}{3} = \frac{4}{6}, \frac{6}{9}$ $\frac{3}{5} = \frac{6}{10}, \frac{9}{15}$	<p>8. Write each improper fraction as a mixed number.</p> $\frac{37}{5} = 7 \frac{2}{5}$ $\frac{19}{4} = 4 \frac{3}{4}$	<p>9. Solve:</p> $19.78 + 4.6 = \underline{24.38}$
<p>10. Classify in as many ways possible.</p>  <p><b>quadrilateral and parallelogram</b></p>	<p>11. If there are 12 inches in 1 foot, how many inches are in 3 feet?</p> <p><b>36 inches</b></p>	<p>12. How much time has elapsed?</p> <p>10:40 P.M. to 1:40 A.M.</p> <p><b>3 hours</b></p>
<p>13. What is the degree measure of the angle?</p>  <p><b>180 degrees</b></p>	<p>14. Find the area and perimeter.</p>  <p><b>area: 5 square cm</b> <b>perimeter: 12 cm</b></p>	<p>15. Sarah has 4 notebooks. Each notebook has 205 pages. How many pages are there in all?</p> <p><b>820 pages</b></p>

## Facts Practice 2: Division

### Answers

1. 8	18. 10	35. 2
2. 9	19. 10	36. 4
3. 9	20. 4	37. 8
4. 8	21. 1	38. 12
5. 12	22. 1	39. 11
6. 5	23. 1	40. 10
7. 5	24. 1	41. 5
8. 10	25. 8	42. 3
9. 8	26. 6	43. 11
10. 10	27. 10	44. 12
11. 1	28. 11	45. 1
12. 1	29. 1	46. 1
13. 5	30. 6	47. 2
14. 11	31. 8	48. 11
15. 8	32. 9	49. 1
16. 3	33. 8	50. 3
17. 9	34. 11	

**Skills Practice 2 Answers**


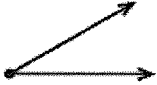
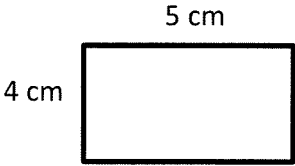
<p>1. <math>179 \div 4 = \underline{44 \text{ R } 3}</math></p>	<p>2.</p> $\begin{array}{r} 70,076 \\ - 5,895 \\ \hline 64,181 \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $3 \times 20 - 5$ $45$
<p>4. List the factors of:</p> <p>21: <u>1, 3, 7, 21</u></p> <p>7: <u>1, 7</u></p>	<p>5. Use the distributive property to solve:</p> $3 \times (8 + 12)$ $(3 \times 8) + (3 \times 12)$ $24 + 36$ $60$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>10, 18, 26, 34, 42 ...</p> $50, 58, 66$ <p>Rule: add 8</p>
<p>7. Write each fraction in simplest form.</p> $\frac{3}{12} = \frac{1}{4}$ $\frac{4}{10} = \frac{2}{5}$	<p>8. Write each decimal:</p> <p>sixty-five and four thousandths</p> $\underline{65.004}$ <p>one hundred two and two hundredths</p> $\underline{102.02}$	<p>9. Solve:</p> $6.76 - 0.3 = \underline{6.46}$
<p>10.</p>  <p>Name the angle: <u><math>\angle EPX</math></u>          What type of angle is it?  <u>obtuse</u></p>	<p>11. If there are 36 inches in a yard, how many inches are in 2 yards?</p> $72 \text{ inches}$	<p>12. Find the missing number.</p> $60 \times \underline{40} = 2,400$
<p>13. <math>60 \times 1,200</math></p> $72,000$	<p>14. Find the area and perimeter.</p>  <p>area: 14 square in          perimeter: 18 in</p>	<p>15.</p> $357 \div 6$ $59 \text{ r } 3$

### Facts Practice 3: Multiplication

#### Answers

49	77	48	99	81
54	5	32	100	48
18	121	7	99	90
28	25	2	33	80
48	24	120	40	81
4	35	44	32	36
28	18	12	36	50
33	70	63	50	40
81	33	3	0	45
60	50	72	40	56

**Skills Practice 3 Answers**

<p>1.</p> $\begin{array}{r} 827 \\ \times 32 \\ \hline 27,291 \end{array}$	<p>2.</p> $\begin{array}{r} 1,675 \\ + 1,092 \\ \hline 2,767 \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $(24+2) \div 2$ $\underline{13}$
<p>4. List the first 5 multiples of:</p> <p><u>3: 3, 6, 9, 12, 15</u></p> <p><u>5: 5, 10, 15, 20, 25</u></p> <p><u>7: 7, 14, 21, 28, 35</u></p>	<p>5. Use the distributive property to solve:</p> $4 \times (10 + 7)$ $(4 \times 10) + (4 \times 7)$ $40 + 28$ $\underline{68}$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>5, 4, 8, 7, 14...</p> <p><u>13, 26, 25</u></p> <p><u>Rule: subtract 1, multiply by 2</u></p>
<p>7. Write the fractions as fractions with a common denominator.</p> $\frac{3}{4} \text{ and } \frac{1}{3}$ $\frac{9}{12} \text{ and } \frac{4}{12}$	<p>8. Write each decimal in word form.</p> <p>302.78 <u>three hundred two and seventy-eight hundredths</u></p> <p>15.023 <u>fifteen and twenty-three thousandths</u></p>	<p>9. Solve:</p> $14.2 + 0.23 = \underline{14.43}$
<p>10. Name the type of angle.</p>  <p><u>right angle</u></p>	<p>11. If there are 4 quarts in one gallon, how many gallons are equal to 20 quarts?</p> <p><u>5 gallons</u></p>	<p>12. How much time has elapsed?</p> <p>2:20 P.M. to 5:57 P.M.</p> <p><u>3 hours and 37 minutes</u></p>
<p>13.</p>  <p>What is the best estimate for the measure of this angle?</p> <p>80°, 120°, or <u>30°</u></p>	<p>14. Find the area and perimeter.</p>  <p><u>area: 20 square cm</u></p> <p><u>perimeter: 18 cm</u></p>	<p>15. Carl put 42 cards into equal stacks of 7. How many stacks did he make?</p> <p><u>6 stacks of cards</u></p>

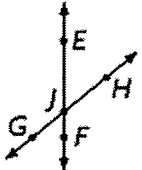




## Facts Practice 4: Division

### Answers

1. 3	18. 9	35. 9
2. 6	19. 8	36. 6
3. 1	20. 9	37. 6
4. 2	21. 1	38. 2
5. 10	22. 10	39. 9
6. 1	23. 5	40. 2
7. 5	24. 1	41. 10
8. 1	25. 6	42. 6
9. 5	26. 6	43. 11
10. 6	27. 4	44. 1
11. 11	28. 5	45. 8
12. 8	29. 11	46. 2
13. 3	30. 11	47. 10
14. 10	31. 6	48. 6
15. 9	32. 5	49. 8
16. 12	33. 1	50. 12
17. 1	34. 11	

**Skills Practice 4 Answers**




<p>1. <math>2,783 \div 5 = \underline{556 \text{ R}3}</math></p>	<p>2. <math display="block">\begin{array}{r} 1,002 \\ - \quad 99 \\ \hline 903 \end{array}</math></p>	<p>3. Solve the expression. Use Order of Operations</p> $18 \div 2 + 4$ <p align="center"><u>13</u></p>
<p>4. List the factors of: 9: <u>1, 3, 9</u>  33: <u>1, 3, 11, 33</u></p>	<p>5. Use the distributive property to solve:</p> $6 \times (12 + 8)$ $(6 \times 12) + (6 \times 8)$ $72 + 48$ <p align="center"><u>120</u></p>	<p>6. Name the rule and list the next three terms in the pattern. 56, 67, 78, 89, 100 ... <u>111, 122, 133</u> <u>Rule: add 11</u></p>
<p>7. Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> $\frac{4}{9} \leq \frac{5}{10}$ $\frac{2}{3} \geq \frac{1}{5}$	<p>8. Compare using <math>&lt;</math>, <math>&gt;</math>, or <math>=</math>.</p> $0.67 \geq 0.6$ $3.28 \leq 3.289$	<p>9. Solve: <math>67 - 0.2 = \underline{66.8}</math></p>
<p>10. Parallel, perpendicular, or intersecting?</p>  <p><u>line EF intersects line GH</u></p>	<p>11. If there are 12 inches in a foot, how many feet would be equal to 72 inches?</p> <p align="center"><b>6 feet</b></p>	<p>12. <math>500,000 + 30,000 + 400</math> <math>+20 + 7 = \underline{530,427}</math></p>
 <p>13. What is the best estimate for the measure of this angle?</p> <p align="center"><b>80°, 120°, or 30°</b></p>	<p>14. Find the area and perimeter.</p> <p align="center">20 ft</p>  <p>4 ft</p> <p><b>area: 80 square ft</b> <b>perimeter: 48 ft</b></p>	<p>15. Susie used 0.75 cup of sugar in a batch of brownies. What is the word form of this decimal?</p> <p align="center"><b>Seventy-five hundredths</b></p>

### Facts Practice 5: Multiplication

#### Answers

21	0	6	24	36
66	20	33	88	11
80	18	0	55	121
120	100	10	30	7
8	7	3	12	40
72	0	16	0	60
12	88	6	90	66
63	84	10	0	90
36	35	20	55	36
0	30	32	1	24

**Skills Practice 5 Answers**

<p>1.</p> $\begin{array}{r} 59 \\ \times 8 \\ \hline 472 \end{array}$	<p>2.</p> $\begin{array}{r} 123,192 \\ + 9,585 \\ \hline 132,777 \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $9 \times (3-1)$ $\underline{18}$
<p>4. List the first 5 multiples of:</p> <p>8: <u>8, 16, 24, 32, 40</u></p> <p>9: <u>9, 18, 27, 36, 45</u></p> <p>10: <u>10, 20, 30, 40, 50</u></p>	<p>5. Use the distributive property to solve:</p> $6 \times (11 + 5)$ $(6 \times 11) + (6 \times 5)$ $66 + 30$ $\underline{96}$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>10, 20, 18, 36, 34...</p> <p><u>68, 66, 132</u></p> <p><u>Rule: add 2, multiply by 2</u></p>
<p>7. Solve.</p> $\frac{10}{15} - \frac{1}{15} =$ $\frac{9}{15}$	<p>8. Order the decimals from least to greatest.</p> <p>38.09; 308.90; 38.04; 38.90</p> <p><u>38.04; 38.09; 38.90; 308.90</u></p>	<p>9. Solve:</p> $783.4 + 46.374 = \underline{829.774}$
<p>10. Draw and label: ray LM</p> 	<p>11. Fill in the blanks.</p> <p>2 miles = <u>10,560</u> feet</p> <p>20 pints = <u>10</u> quarts</p>	<p>12. How much time has elapsed?</p> <p>3:00 A.M. to 7:14 A.M.</p> <p><u>4 hours and 14 minutes</u></p>
<p>13.</p>  <p>Classify the triangle as acute, obtuse, or right.</p> <p><u>acute triangle</u></p>	<p>14. Find the area and perimeter.</p>  <p><u>area: 48 square inches</u></p> <p><u>perimeter: 32 inches</u></p>	<p>15. Willy has 1,850 crayons. Lucy has 739 crayons. How many more crayons does Willy have than Lucy?</p> <p><u>1,111 crayons</u></p>

## Facts Practice 6: Division

### Answers

1. 3

2. 4

3. 9

4. 7

5. 3

6. 1

7. 3

8. 6

9. 9

10. 5

11. 8

12. 11

13. 9

14. 8

15. 1

16. 1

17. 3

18. 6

19. 8

20. 10

21. 1

22. 2

23. 3

24. 4

25. 7

26. 9

27. 5

28. 9

29. 1

30. 4

31. 9

32. 4

33. 10

34. 3

35. 1

36. 10

37. 1

38. 5

39. 1

40. 3

41. 8

42. 8

43. 11

44. 12

45. 4

46. 4

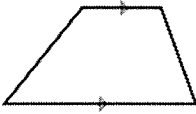

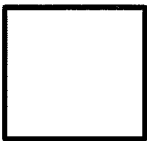
47. 8

48. 2

49. 4

50. 1

**Skills Practice 6 Answers**


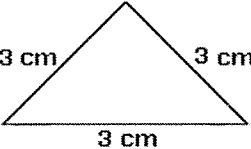

<p>1. <math>932 \div 3 = \underline{310 \text{ R } 2}</math></p>	<p>2. <math display="block">\begin{array}{r} 121,192 \\ - \quad 3,485 \\ \hline 117,707 \end{array}</math></p>	<p>3. Solve the expression. Use Order of Operations</p> $21 \div 3 + (3 \times 9)$ <p align="center"><u>34</u></p>
<p>4. List the factors of:</p> <p>12: <u>1, 2, 3, 4, 6, 12</u></p> <p>30: <u>1, 2, 3, 5, 6, 10, 15, 30</u></p>	<p>5. Use the distributive property to solve:</p> $7 \times (9 + 9)$ $(7 \times 9) + (7 \times 9)$ $63 + 63$ <p align="center"><b>126</b></p>	<p>6. Name the rule and list the next three terms in the pattern.</p> <p align="center">2, 4, 8, 16, 32...</p> <p align="center"><u>64, 128, 256</u></p> <p align="center"><u>Rule: multiply by 2</u></p>
<p>7. Solve.</p> $\frac{6}{10} + \frac{5}{10} = \frac{11}{10} = 1 \frac{1}{10}$	<p>8. Write the number as tenths in fraction form and decimal form.</p> $\frac{40}{100} = \frac{4}{10} = \mathbf{0.4}$	<p>9. Solve.</p> $18.237 - 15.3$ <p align="center"><b>2.937</b></p>
<p>10. Classify in as many ways possible.</p>  <p>quadrilateral, trapezoid</p>	<p>11.</p> $\begin{array}{r} 781 \\ \times \quad 5 \\ \hline \end{array}$ <p align="center"><b>3,905</b></p>	<p>12. Round to the nearest thousand place.</p> <p>4,799 <u>5,000</u></p> <p>12,200 <u>12,000</u></p> <p>15,231 <u>15,000</u></p>
<p>13.</p>  <p>Classify the triangle as acute, obtuse, or right.</p> <p><u>obtuse triangle</u></p>	<p>14. Find the area and perimeter.</p> <p align="center">15 in</p>  <p>15 in</p> <p><u>area: 225 square in</u></p> <p><u>perimeter: 60 in</u></p>	<p>15. On Monday, 387 students went on a trip to the zoo. All 9 buses were filled. How many students were in each bus?</p> <p align="center"><b>43 students</b></p>

Facts Practice 7: Multiplication

Answers

35	0	24	16	4
60	12	16	7	9
16	11	7	3	28
80	24	24	72	6
20	90	20	50	72
110	0	49	4	44
72	55	44	10	48
56	1	32	24	35
21	20	24	4	66
60	120	60	30	35

**Skills Practice 7 Answers**

<p>1.</p> $\begin{array}{r} 527 \\ \times 14 \\ \hline 7,378 \end{array}$	<p>2.</p> $\begin{array}{r} 338,289 \\ + 3,784 \\ \hline 342,073 \end{array}$	<p>3. Solve the expression. Use Order of Operations</p> $36 \div 9 + 48 - 10 \div 2$ $4 + 48 - 10 \div 2$ $4 + 48 - 5$ $52 - 5$ $\underline{47}$
<p>4. Prime or Composite?</p> <p>9: <u>composite</u></p> <p>33: <u>composite</u></p>	<p>5. Use the distributive property to solve:</p> $2 \times (3 + 10)$ $(2 \times 3) + (2 \times 10)$ $6 + 20$ $\underline{26}$	<p>6. Name the rule and list the next three terms in the pattern.</p> <p>28, 20, 24, 16, 20...</p> <p><u>12, 16, 8</u></p> <p><u>Rule: subtract 8, add 4</u></p>
<p>7. Order from least to greatest.</p> $\frac{3}{8}, \frac{1}{4}, \frac{1}{2}$ $\frac{1}{4}, \frac{3}{8}, \frac{1}{2}$	<p>8. Write the number as hundredths in fraction form and decimal form.</p> $\frac{7}{10} = \frac{70}{100} = \underline{0.70}$	<p>9. Solve:</p> $348.09 + 0.05 = \underline{348.14}$
<p>10. Classify in as many ways possible.</p>  <p><u>quadrilateral,</u> <u>parallelogram,</u> <u>rectangle</u></p>	<p>11. Solve.</p> $437 \div 3$ $\underline{145 \text{ r } 2}$	<p>12. How much time has elapsed?</p> <p>7:20 A.M. to 9:49 A.M.</p> <p><u>2 hours and 29 minutes</u></p>
<p>13.</p>  <p>Classify the triangle by its sides and angles.</p> <p><u>equilateral and acute triangle</u></p>	<p>14. Find the area and perimeter.</p>  <p><u>area: 15 square ft</u> <u>perimeter: 16 ft</u></p>	<p>15. Ben and Michael are brothers. Ben is four times as old as Michael. If Michael is 12, how old is Ben?</p> <p><u>48 years old</u></p>

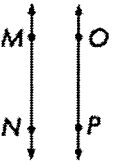
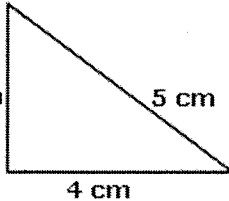



## Facts Practice 8: Division

### Answers

1. 5	18.9	35.7
2. 10	19.7	36.6
3. 5	20.6	37.5
4. 9	21.5	38.3
5. 8	22.4	39.9
6. 1	23.10	40.12
7. 8	24.11	41.10
8. 4	25.2	42.6
9. 11	26.5	43.9
10.5	27.11	44.12
11.11	28.4	45.2
12.1	29.2	46.9
13.9	30.1	47.6
14.10	31.4	48.10
15.8	32.3	49.2
16.8	33.2	50.2
17.3	34.10	

**Skills Practice 8 Answers**

<p>1. <math>502 \div 5 = \underline{100 \text{ R } 2}</math></p>	<p>2. <math display="block">\begin{array}{r} 982,274 \\ - 229,882 \\ \hline 752,392 \end{array}</math></p>	<p>3. Solve the expression. Use Order of Operations  <math>8 \times 3 + 70 \div 7 - 7</math>  <math>24 + 70 \div 7 - 7</math>  <math>24 + 10 - 7</math>  <math>34 - 7</math>  <u>27</u></p>
<p>4. Prime or Composite?  12: <u>composite</u>  7: <u>prime</u></p>	<p>5. Use the distributive property to solve:  <math>3 \times (8 + 4)</math>  <math>(3 \times 8) + (3 \times 4)</math>  <math>24 + 12</math>  <u>36</u></p>	<p>6. Name the rule and list the next three terms in the pattern.  1, 1, 2, 3, 5, 8, 13...  <u>21, 34, 55</u>  <b>Rule: add the two previous terms to get the next term</b></p>
<p>7. Write the mixed numbers as improper fractions.  <math>4 \frac{1}{3} = \frac{13}{3}</math>   <math>7 \frac{2}{10} = \frac{72}{10}</math></p>	<p>8. Write the fraction as a money amount.  <math>\frac{4}{100} = \underline{\\$0.04}</math></p>	<p>9. Solve: <math>30.6 - 0.56</math>  <u>28.04</u></p>
<p>10. Parallel, perpendicular, or intersecting?     <u>Line MN is parallel to line OP.</u></p>	<p>11. Write 20.56 in word form.  <b>Twenty-eight and 4 hundredths</b></p>	<p>12. The value of the 1 in 154,985 is  <u>100,000</u></p>
<p>13.    Classify the triangle by its sides and angles.  <u>Scalene and right triangle</u></p>	<p>14. Find the area and perimeter.    <u>area: 20 square yards</u>  <u>perimeter: 24 yards</u></p>	<p>15. Anna's dad is 36. He is 9 times as old as she is. How old is Anna?  <u>Anna is 4 years old.</u></p>