

Summer Math Packet  
For Students Entering Grade 5

Name: \_\_\_\_\_

WEEK 1

Multiply.

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 7 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$$

Round the following numbers to the underlined digit.

1) 54,239

2) 1.55

3) 27.1

4) 1,605

5) 182,500

Write the standard form of the number given.

6) five hundred forty two thousand, nine hundred nine \_\_\_\_\_

Write the word form of the number given.

7) 9,201,690 12 \_\_\_\_\_

8) 0.24 \_\_\_\_\_

Write the value of the underlined digit.

9) 2,242 \_\_\_\_\_

10) 63,666 \_\_\_\_\_

Place a comma where needed in the following numbers.

11) 1 0 2 3 7

12) 5 4 2 1 0 0

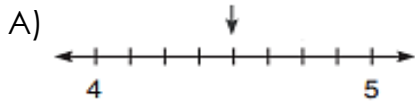
Compare using <, >, =.

13) 34,245 \_\_\_\_ 34,245

14) 709,069 \_\_\_\_ 709,075

Name: \_\_\_\_\_

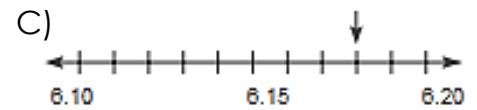
Label the part of each number line that the arrow points to.



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

**Multiply.**

1. 
$$\begin{array}{r} 450 \\ \times 62 \\ \hline \end{array}$$

2.  $\$421 \times 6$

3. 
$$\begin{array}{r} 63 \\ \times 25 \\ \hline \end{array}$$

**Divide. Use multiplication to check your work!**

4.  $9 \overline{)324}$

Check

5.  $\$52 \div 8$

Check

6.  $6 \overline{)5736}$

Check

**Write the following numbers in expanded form.**

7. 4,302,500 \_\_\_\_\_

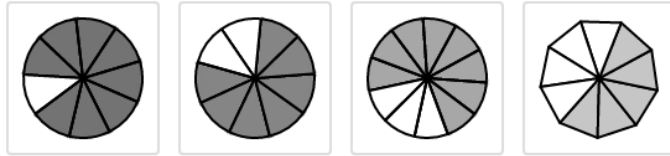
8. 44,321 \_\_\_\_\_

9. 298,320 \_\_\_\_\_

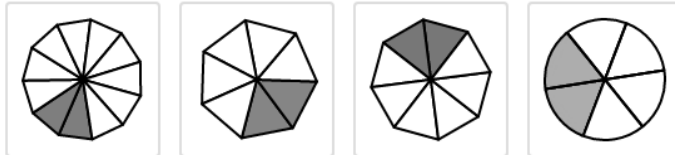
Name: \_\_\_\_\_

**Circle the correct answer.**

1. Which shape shows the fraction  $\frac{8}{9}$  ?



2. Which shape shows the fraction  $\frac{2}{8}$  ?



**Write the following fractions in lowest terms (simplify).**

3.  $\frac{2}{14}$

4.  $\frac{9}{18}$

5.  $\frac{3}{24}$

6.  $\frac{11}{55}$

7.  $\frac{3}{39}$

**Compare the two fractions in the problems below.**

8.  $\frac{2}{8}$  \_\_\_\_\_  $\frac{1}{2}$

9.  $\frac{14}{21}$  \_\_\_\_\_  $\frac{5}{7}$

10.  $\frac{9}{27}$  \_\_\_\_\_  $\frac{2}{9}$

**Add or subtract the following fractions, then simplify your answer.**

11.  $\frac{2}{8} + \frac{1}{8} =$

12.  $\frac{8}{9} - \frac{2}{9} =$

13.  $\frac{6}{10} + \frac{20}{100} =$

14.  $\frac{50}{100} + \frac{3}{10} =$

**Solve.**

15.  $\frac{2}{3}$  of 9 =

16.  $\frac{3}{5}$  of 5 =

WEEK 3 continued...

**Make the fractions equivalent by filling in the missing numerator or denominator.**

17.  $\frac{1}{3} = \frac{\quad}{12}$

18.  $\frac{1}{2} = \frac{9}{\quad}$

19.  $\frac{3}{7} = \frac{\quad}{14}$

20.  $\frac{2}{3} = \frac{6}{\quad}$

**Multiply.**

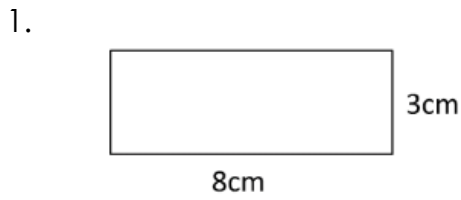
21. 
$$\begin{array}{r} 46 \\ \times 78 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 9,308 \\ \times 3 \\ \hline \end{array}$$

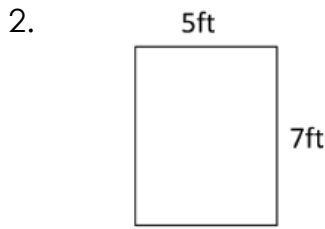
23. 
$$\begin{array}{r} 49 \\ \times 82 \\ \hline \end{array}$$

Name: \_\_\_\_\_

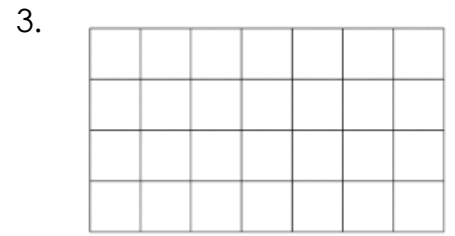
**Find the area.**



Area = \_\_\_\_\_ square cm

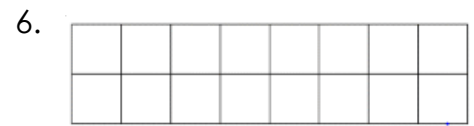
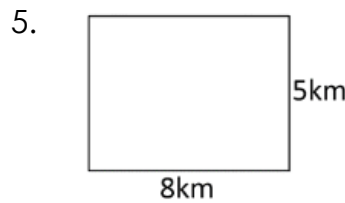
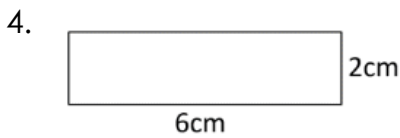


Area = \_\_\_\_\_ square ft



Area = \_\_\_\_\_ square cm

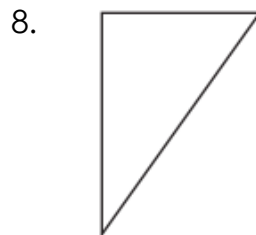
**Find the perimeter.**



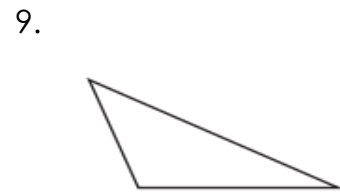
**Label the following triangles acute, obtuse or right based on the sizes of their angles.**



\_\_\_\_\_

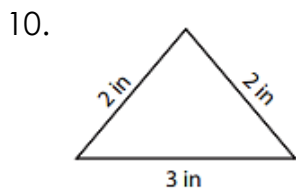


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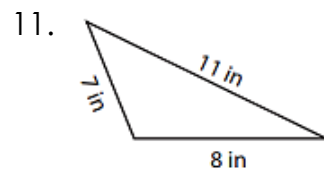


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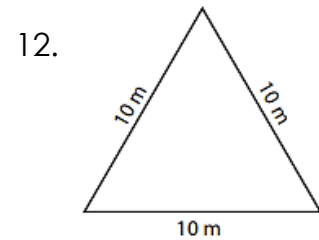
**Label the following triangles scalene, isosceles or equilateral based on the lengths of their side.**



\_\_\_\_\_

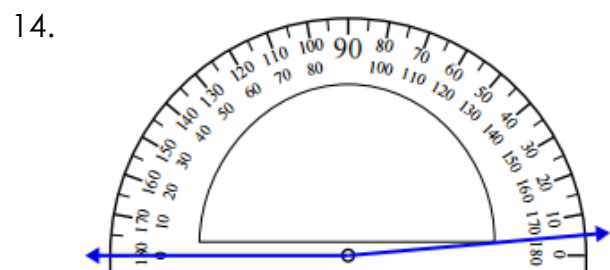
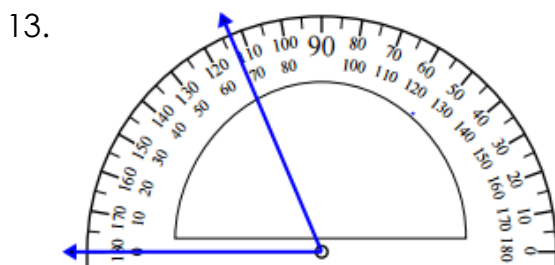


\_\_\_\_\_



\_\_\_\_\_

**Find the measures of the angles being shown on each protractor.**



**Find the sum.**

1.  $18 + 65 + 69 =$  \_\_\_\_\_

2.  $70 + 94 + 91 =$  \_\_\_\_\_

3.  $78 + 23 + 81 =$  \_\_\_\_\_

4.  $37 + 76 + 88 =$  \_\_\_\_\_

**Find the difference.**

1. 
$$\begin{array}{r} 3,920 \\ - 2,219 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 2,369 \\ - 1,223 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 5,783 \\ - 1,152 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 991 \\ - 891 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 7,800 \\ - 3,113 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 5,195 \\ - 1,849 \\ \hline \end{array}$$

**Find the product.**

1.  $12 \times 18 =$

2.  $52 \times 54 =$

3.  $33 \times 27 =$

4.  $61 \times 14 =$

**Find the quotient.**

1.  $8120 \div 8 =$

2.  $6380 \div 4 =$

3.  $981 \div 9 =$

4.  $612 \div 3 =$

**Geometry/lines Review:**

1) Draw a ray.

2) Draw a line segment.

3) Draw a line.

4) Draw a point.

5) Draw a rectangle.

6) Draw a trapezoid.

7) Draw a rhombus.

8) Draw a parallelogram.

9) Draw two perpendicular lines.

10) Draw two parallel lines.

11) Draw two intersecting lines.

Name: \_\_\_\_\_

(mixed grade 4 review) **WEEK 6**

1. A rectangular shop in the mall is 5 meters wide and 10 meters long. What is its area?

**Add the following amounts of money.**

2.  $\$14.20 + \$15.10$

3.  $\$2.25 + \$3.75$

4.  $\$1.80 + \$2.20$

**Write all of the factors of the following numbers, then circle prime or composite.**

5. **91**

6. **15**

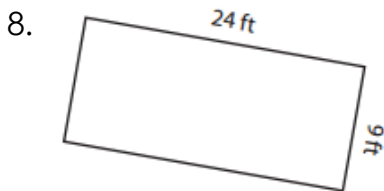
7. **19**

prime    composite

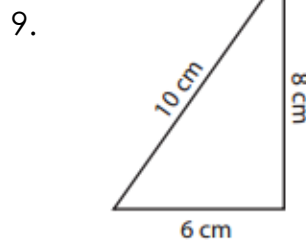
prime    composite

prime    composite

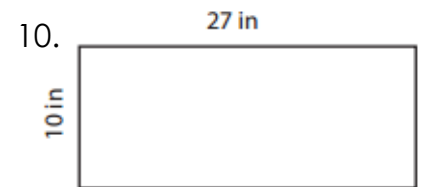
**Find the perimeter of the following rectangles and triangles.**



Perimeter =



Perimeter =

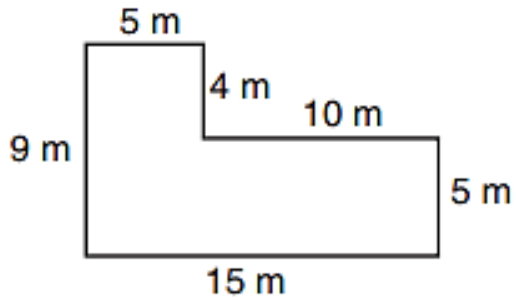


Perimeter =



Find the perimeter of the complex figure.

14.



Perimeter = \_\_\_\_\_

Challenge problem:

Draw a figure below with an area of  $400\text{cm}^2$ .

Round the following numbers to the underlined digit.

15. 3,456

16. 432,432

17. 562

**Solve.**

$$1 \times 12 =$$

$$2 \times 12 =$$

$$3 \times 12 =$$

$$4 \times 12 =$$

$$5 \times 12 =$$

$$6 \times 12 =$$

$$7 \times 12 =$$

$$8 \times 12 =$$

$$9 \times 12 =$$

$$10 \times 12 =$$

$$11 \times 12 =$$

$$12 \times 12 =$$



**WEEK 7 continued...**

6. Lindsay bought several books last month. Each book was priced differently. The prices were as follows: \$28.34, \$38.55, \$63.21, and \$135.75. How much money did Lindsay spend in all?

7. Troy is comparing the fractions  $\frac{2}{3}$  and  $\frac{3}{12}$ . She cannot figure out which fraction is larger. Which one is the bigger fraction? How can you explain the answer to Troy?

Multiply.

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ \times 1 \\ \hline \end{array}$$

Name: \_\_\_\_\_

WEEK 8

Write two equivalent fractions for each of the fractions below.

1.  $\frac{6}{9} =$  \_\_\_\_\_

2.  $\frac{2}{13} =$  \_\_\_\_\_

3.  $\frac{5}{7} =$  \_\_\_\_\_

Add.

4. 
$$\begin{array}{r} 5.06 \\ + 4.01 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 6.8 \\ + 1.1 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 2.2 \\ + 5.5 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 8.08 \\ + 6.86 \\ \hline \end{array}$$

Subtract.

8. 
$$\begin{array}{r} 77.98 \\ - 61.46 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 1.44 \\ - 1.14 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 81.77 \\ - 42.72 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 9.62 \\ - 3.55 \\ \hline \end{array}$$

Multiply.

12.  $\$7.99 \times 6$

13.  $\$51.15 \times 5$

14. A. How many minutes are there from 12:30pm to 1:25pm?

B. How many hours are there in one week, if there are 24 hours in one day?

C. Lillian left home at 8:35 am. Sydney left home 40 minutes after Lillian. Benjamin left home 12 minutes after Lillian left. At what time did Carlos leave home this morning?

## Grade 5 Summer Reading

All students in grade five will read two books this summer.

- 1) Each student *must* read Rules by Cynthia Lord.
- 2) For their second book, students can choose between the following:
  - i. The Series of Unfortunate Events: The Bad Beginning by B. Helquist L. Snicket
  - ii. Anne of Green Gables by L.M. Montgomery
  - iii. James and the Giant Peach by Roald Dahl
  - iv. The Miraculous Journey of Edward Tulane by Kate DiCamillo