



Summer Math Program
Fifth Grade
Week 1



Fast Facts

See how many you can do in one minute!

$4 \times 5 = \underline{\quad}$

$63 \div 7 = \underline{\quad}$

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

$24 \div 2 = \underline{\quad}$

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

$18 \div 3 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

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

$25 \div 5 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

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

$72 \div 9 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

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

$48 \div 6 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$36 \div 6 = \underline{\quad}$

Decimals and Fractions

1. Nancy ate $\frac{1}{3}$ of a pizza and Gabe ate $\frac{1}{4}$ of the pizza. How much of the whole pizza is left?

- A. $\frac{7}{12}$
- B. $\frac{5}{12}$
- C. $\frac{2}{7}$
- D. $\frac{6}{7}$

2. Choose the correct answer for this problem: $\frac{7}{9} - \frac{3}{8}$

- A. $\frac{10}{17}$
- B. $\frac{29}{72}$
- C. $\frac{56}{27}$
- D. $\frac{21}{72}$

Problem Solving

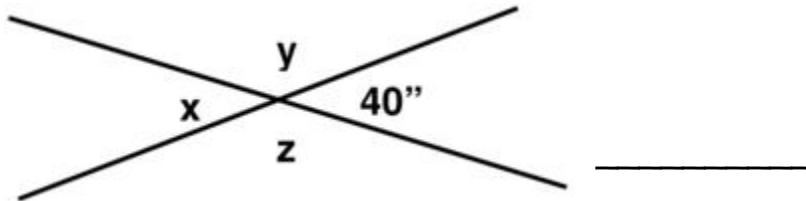
1. Andrew's family is going on vacation across the United States. They traveled 515 miles every day for 17 days. How many miles did they travel in all? Explain your answer.

Work Space

Explanation

Geometry Time

1. What is the measure of angle y ? (Do NOT use a protractor to find your answer.)



2. Skip reads the juice bottle label and finds that it contains 1.89 liters of juice. His cup only holds 240 milliliters so he wants to convert 1.89 liters to milliliters. The bottle contains how many milliliters?

Number Operations

1. Find the prime factorization for the number 48 expressed in exponential notation.

- a. 31×24
- b. 6×81
- c. $3 \times 24 \times 4$
- d. $3 \times 22 \times 4$

Web Links

Try these web sites for additional practice and interactive learning!

- Math Magician Games (math fluency)
<http://resources.oswego.org/games/mathmagician/cathymath.html>
- EduPlace Math eGames - Math Lingo (math vocabulary)
http://www.eduplace.com/kids/mw/swfs/mathlingo_grade5.html



Summer Math Program
Entering Fifth Grade
Week 2



Fast Facts

See how many you can do in one minute!

$6 \times 6 = \underline{\quad}$

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

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

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

$9 \times 4 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$0 \times 5 = \underline{\quad}$

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

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

$3 \times 11 = \underline{\quad}$

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

$4 \times 5 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

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

$9 \times 4 = \underline{\quad}$

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

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

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

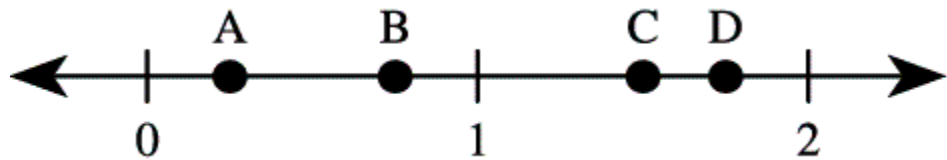
$4 \times 11 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

Decimals and Fractions

1. Which point on the number line below best represents 1.75?

- a. Point A
- b. Point B
- c. Point C
- d. Point D



2. Choose the equation that is NOT true.

- a. $\frac{1}{2} + \frac{3}{8} = \frac{7}{8}$
- b. $\frac{1}{6} + \frac{5}{12} = \frac{7}{12}$
- c. $\frac{3}{10} - \frac{23}{100} = \frac{7}{100}$
- d. $\frac{8}{10} - \frac{3}{5} = \frac{2}{5}$

3. Place these two fractions on the two number lines below to show why they are equivalent.

$\frac{6}{8} \quad \frac{3}{4}$



Factors and Multiples

1. I am a factor of 36 and a multiple of 3. What number am I? _____
2. My number is a multiple of 5. It is less than 100 and has a factor of 6. What is my number? _____

Problem Solving

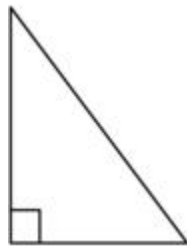
1. There are 168 lunches to be shared equally among 3 fourth-grade classes. How many lunches will go to each class? Explain your answer.

Work Space

Explanation

Geometry Time

1. Which geometric figure is shown here? _____



Web Links

Try these web sites for additional practice and interactive learning!

- Cash out (making change game)
<http://www.mrnussbaum.com/cashout/index.html>
- Raceway Number Values
http://www.abcya.com/comparing_number_values.htm



Summer Math Program
Entering Fifth Grade
Week 3



Fast Facts

See how many you can do in one minute!

$6 \times 6 = \underline{\quad}$

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

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

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

$9 \times 4 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$0 \times 5 = \underline{\quad}$

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

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

$3 \times 11 = \underline{\quad}$

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

$4 \times 5 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

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

$9 \times 4 = \underline{\quad}$

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

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

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

$4 \times 11 = \underline{\quad}$

$9 \times 1 = \underline{\quad}$

Fractions and Decimals

1. Complete each table.

Division	Improper Fraction	Mixed Number
$18 \div 4$	$\frac{18}{4}$	
$20 \div 3$		$6\frac{2}{3}$
	$\frac{12}{5}$	

Division	Improper Fraction	Mixed Number
	$\frac{23}{6}$	
		$5\frac{1}{6}$
$15 \div 5$		

2. Write the following fractions in order from least to greatest:

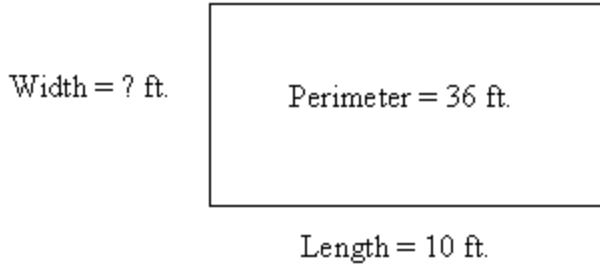
$\frac{11}{3} \quad \frac{1}{6} \quad 1\frac{2}{3}$

3. Write the following fractions in order from greatest to least.

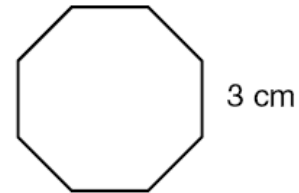
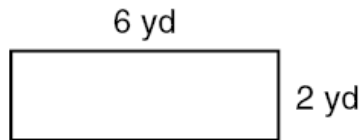
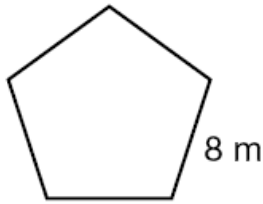
$1\frac{1}{4} \quad \frac{9}{4} \quad \frac{3}{4}$

Area and Perimeter

1. Christina had a rectangular garden with a perimeter of 36 feet. The fence surrounding it was falling down on one of the short sides (width). If the length of the garden was 10 feet, how many feet of fence did she need to replace the broken portion (width) of the fence?



2. Find the perimeter of each polygon.



Problem Solving

1. Paper is delivered in cartons of 48 packs of paper each. If the store orders 624 packs of paper, how many cartons will they receive? Explain your answer.

Work Space

Explanation

Web Links

Try these web sites for additional practice and interactive learning!

- Math Playground Grand Slam Word Problems
<http://www.mathplayground.com/GrandSlamMath2.html>
- EduPlace Brain Teasers
http://www.eduplace.com/kids/mw/bt/bt_4.html



Summer Math Program
Entering Fifth Grade
Week 4



Fast Facts

See how many you can do in one minute!

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

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

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

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

$5 \times 4 = \underline{\quad}$

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

$8 \times 5 = \underline{\quad}$

$12 \times 3 = \underline{\quad}$

$6 \times 12 = \underline{\quad}$

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

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

$4 \times 9 = \underline{\quad}$

$12 \times 3 = \underline{\quad}$

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

$9 \times 4 = \underline{\quad}$

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

$6 \times 11 = \underline{\quad}$

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

$4 \times 12 = \underline{\quad}$

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

Fractions and Decimals

1. Which number is an improper fraction?

- a. $\frac{11}{12}$
- b. $\frac{8}{8}$
- c. $\frac{5}{6}$
- d. $\frac{7}{7}$

2. Locate and label this fraction on the number line. Then write it as a mixed number:

$$\frac{5}{4}$$



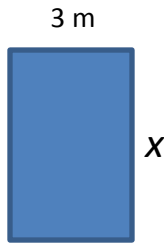
3. Write a mixed number between 0 and 2. Show where it is on the number line. Then write an improper fraction that is equivalent to the mixed number.



Area and Perimeter

Find the missing side when the perimeter or area is given.

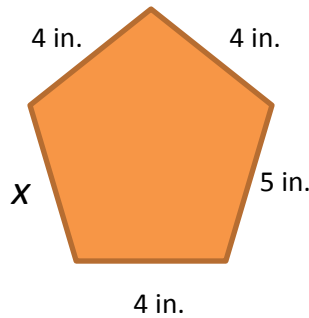
1.



$$\text{Area} = 30 \text{ m}^2$$

$$X = \underline{\hspace{2cm}}$$

2.



$$\text{Perimeter} = 22 \text{ in.}$$

$$X = \underline{\hspace{2cm}}$$

2. The perimeter of a regular octagon is 32 in. What is the length of one side of the octagon?

- a. 32 in.
- b. 8 in.
- c. 24 in.
- d. 4 in.

3. A rectangular lawn is 45 **feet** long and 30 **yards** wide. Find the perimeter in feet. Then find the perimeter in yards.

Factors and Numbers

1. Which of the following is NOT true about prime numbers?

- a. They have exactly two factors
- b. One is a factor of every prime number
- c. No prime numbers end in zero
- d. All prime numbers are odd numbers.

Web Links

Try these web sites for additional practice and interactive learning!

- Lemonade Stand - interactive site with economics in mind
<http://www.lemonadestands.com/>
- Double Digit Multiplication Game
<http://www.mathplayground.com/multiplication05.html>



Summer Math Program
Entering Fifth Grade
Week 5



Fast Facts

See how many you can do in one minute!

$4 \times 5 = \underline{\quad}$

$63 \div 7 = \underline{\quad}$

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

$24 \div 2 = \underline{\quad}$

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

$18 \div 3 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$49 \div 7 = \underline{\quad}$

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

$25 \div 5 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

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

$72 \div 9 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

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

$48 \div 6 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$36 \div 6 = \underline{\quad}$

Fractions and Decimals

1. The distance from home to school is $\frac{7}{8}$ of a mile for Amy and $\frac{4}{8}$ of a mile for Tom. How much farther does Amy walk than Tom? _____

2. Solve the following problems:

$\frac{3}{4} + \frac{2}{4} =$

$\frac{3}{4} - \frac{2}{4} =$

$\frac{8}{12} - \frac{1}{4} =$

$\frac{8}{12} + \frac{1}{4} =$

3. Solve for the unknown in this equation:

$\frac{2}{4} + n = \frac{3}{4} \quad n = \underline{\quad}$

4. Add or subtract these decimals:

$$\begin{array}{r} 3.32 \\ -0.61 \\ \hline \end{array}$$

$$\begin{array}{r} 2.126 \\ +5.12 \\ \hline \end{array}$$

$$\begin{array}{r} \$26.50 \\ -17.25 \\ \hline \end{array}$$

$$\begin{array}{r} 7.81 \\ +9.20 \\ \hline \end{array}$$

$$\begin{array}{r} 6.32 \\ -4.61 \\ \hline \end{array}$$

Place Value

Answer the following questions about place value. Use the Place Value Chart to assist you if needed.

Place Value Chart

Billions			Millions			Thousands			Ones		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones

Write each number in short word form.

1. $200,000,000 + 30,000,000 + 400,000 + 50,000 + 1,000$

Write each number in standard form.

2. $100,000,000 + 80,000,000 + 5,000,000 + 300,000 + 20,000 + 8,000$

Write each number in expanded form.

3. 463 million, 342 thousand, 705

Write each number in word form.

4. 715,413,068 _____

Write the place of the 2 in each number. Then write its value.

5. 21,547	6. 54,285	7. 67,902
_____	_____	_____
_____	_____	_____

Compare. Write $>$, $<$, or $=$ for each \bigcirc .

- | | | |
|---------------------------------|---------------------------------------|-----------------------------------|
| 1. 3,471 \bigcirc 3,452 | 2. 40,283 \bigcirc 40,567 | 3. 1,042,639 \bigcirc 1,042,639 |
| 4. 67,452,105 \bigcirc 76,021 | 5. 201,000,001 \bigcirc 201,002,799 | |

Web Links

Try these web sites for additional practice and interactive learning!

- Extra practice for place value and addition/subtraction
http://www.eduplace.com/kids/mw/practice/5/ep5_01.html
- Escape from Fraction Manor
<http://www.mathplayground.com/HauntedFractions/HFGameLoader.html>



Summer Math Program
Entering Fifth Grade
Week 6



Fast Facts

See how many you can do in one minute!

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

$49 \div 7 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$24 \div 3 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$18 \div 6 = \underline{\quad}$

$3 \times 12 = \underline{\quad}$

$42 \div 7 = \underline{\quad}$

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

$20 \div 5 = \underline{\quad}$

$4 \times 9 = \underline{\quad}$

$56 \div 8 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$72 \div 8 = \underline{\quad}$

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

$48 \div 4 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$48 \div 12 = \underline{\quad}$

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

$66 \div 6 = \underline{\quad}$

Dazzling Decimals

Add or subtract.

1.
$$\begin{array}{r} 4.5 \\ +3.8 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 4.8 \\ -2.5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} \$20.84 \\ + 15.35 \\ \hline \end{array}$$

4.
$$\begin{array}{r} \$47.81 \\ - 39.19 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 6.80 \\ +5.78 \\ \hline \end{array}$$

6.
$$\begin{array}{r} \$35.46 \\ - 19.83 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 6.841 \\ +8.304 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 56.37 \\ -24.18 \\ \hline \end{array}$$

9.
$$\begin{array}{r} \$89.21 \\ + 49.53 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 8.245 \\ -6.176 \\ \hline \end{array}$$

11.
$$\begin{array}{r} \$41.38 \\ - 30.47 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 8.124 \\ +9.234 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 67.17 \\ -49.25 \\ \hline \end{array}$$

14.
$$\begin{array}{r} \$74.17 \\ + 63.42 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 78.03 \\ -51.58 \\ \hline \end{array}$$

16. Alan lives 2.48 kilometers from school. Warren lives 3.19 kilometers from school. How much farther from school does Warren live?

Excellent Estimates

Round each number to the nearest ten. Then estimate.

1. $246 + 148$

2. $324 - 213$

3.
$$\begin{array}{r} 851 \\ +189 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 12,309 \\ + 7,627 \\ \hline \end{array}$$

Estimate each product.

5.
$$\begin{array}{r} 26 \\ \times 12 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 284 \\ \times 27 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 4,681 \\ \times 31 \\ \hline \end{array}$$

8.
$$\begin{array}{r} \$7.86 \\ \times 21 \\ \hline \end{array}$$

9. $34 \times 19 =$ _____

10. $58 \times 4,130 =$ _____

11. $24 \times 78 =$ _____

Use the following Bake Sale table and information to solve. Tell whether you need an exact or an estimate for your answer.

The Hillsboro Elementary School had a bake sale to raise money for their class trip. The table shows how many of each item were sold.

1. Were there more than 400 items sold at the bake sale?

2. How many brownies and cookies were sold altogether?

3. The students earned \$214 selling muffins and \$127.50 selling banana bread. About how much money is that?

4. The students raised a total of \$628.50 with this bake sale. About how much more do they need to reach their goal of \$1,500?

Bake Sale	
Item	Number Sold
Brownies	76
Cookies	135
Muffins	107
Banana Bread	85

Web Links

Try these web sites for additional practice and interactive learning!

- Extra practice for probability/algebra and graphing
http://www.eduplace.com/kids/mw/practice/4/ep4_08.html
- Alien Angles
<http://www.mathplayground.com/alienangles.html>

Exciting Extras

The following resources are to help your mathematician with fractions and math fluency. Please use the fraction strips (last page) to compare fractions (e.g., $\frac{3}{4}$ is bigger than $\frac{1}{2}$ but smaller than $\frac{5}{6}$), find equivalent fractions (e.g., $\frac{5}{10}$ is equal to $\frac{1}{2}$ which is equal to $\frac{3}{6}$), and for familiarity with how big or little fractions are relative to one whole. The link below takes you to a website for age-appropriate flashcards you can print and use to practice math fluency. Enjoy!!

http://www.helpingwithmath.com/resources/oth_flashcards.htm

Fraction Strips

1 Whole

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

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Summer Math Program
Entering Fifth Grade
Week 7



Fast Facts

See how many you can do in one minute!

$\frac{72}{\div 12}$	$\frac{1}{\times 10}$	$\frac{9}{\div 3}$	$\frac{12}{\div 1}$	$\frac{1}{\times 7}$	$\frac{8}{\times 8}$	$\frac{4}{\times 3}$	$\frac{9}{\div 9}$	$\frac{24}{\div 3}$	$\frac{7}{\div 1}$
$\frac{24}{\div 8}$	$\frac{1}{\times 6}$	$\frac{28}{\div 4}$	$\frac{4}{\times 11}$	$\frac{77}{\div 11}$	$\frac{5}{\times 10}$	$\frac{11}{\times 5}$	$\frac{11}{\times 12}$	$\frac{66}{\div 11}$	$\frac{11}{\times 3}$
$\frac{4}{\div 2}$	$\frac{10}{\times 7}$	$\frac{6}{\times 7}$	$\frac{96}{\div 12}$	$\frac{12}{\times 6}$	$\frac{3}{\div 1}$	$\frac{9}{\times 6}$	$\frac{10}{\times 10}$	$\frac{18}{\div 3}$	$\frac{1}{\times 6}$

Fractions & Decimals

1. On the strips below, shade and label the following fractions:

$$\frac{2}{3} \quad \frac{4}{6} \quad \frac{8}{12}$$

2. How many twelfths is equal to five-sixths? _____

3. How many eighths is equal to one-fourth? _____

4. Explain the relationship between eighths and fourths. Draw a picture to aid your explanation. _____

Answer the following questions about factors and multiples.

1. Which of the following numbers is a multiple of 8?
 - a. 18
 - b. 28
 - c. 44
 - d. 56
2. The following are all multiples of a one-digit number: 12, 24, 30, 42. Identify the one-digit factor common to each multiple.
 - a. 5
 - b. 6
 - c. 7
 - d. 8
3. Which of the following sets of numbers are all multiples of 7?
 - a. 35, 47, 52
 - b. 35, 36, 37
 - c. 35, 42, 49
 - d. 37, 47, 57
4. Al sees this sign at a copy center. What is the least number of copies Al can make without losing any money?

-
1. *Copies cost 10¢ each.*
 2. *Copy machines only take quarters.*
 3. *Copy machines do NOT make change.*
If you make 1 copy, you will NOT get 15¢ back.

Web Links

Try these web sites for additional practice and interactive learning!

- Math Fact Practice!
<http://www.playkidsgames.com/games/mathfact/mathFact.htm>
- e-learning For Kids
<http://www.e-learningforkids.org/courses.html#math>



Summer Math Program
Entering Fifth Grade
Week 8



Fast Facts

See how many you can do in one minute!

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \div 1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 121 \\ \div 11 \\ \hline \end{array} \quad \begin{array}{r} 66 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ \times 11 \\ \hline \end{array} \quad \begin{array}{r} 20 \\ \div 2 \\ \hline \end{array} \quad \begin{array}{r} 80 \\ \div 8 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ \div 1 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \div 9 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ \times 9 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ \div 3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ \times 1 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 2 \\ \hline \end{array} \quad \begin{array}{r} 11 \\ \times 10 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 12 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \div 12 \\ \hline \end{array} \quad \begin{array}{r} 40 \\ \div 10 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ \times 4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ \times 3 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ \div 2 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ \div 5 \\ \hline \end{array} \quad \begin{array}{r} 54 \\ \div 6 \\ \hline \end{array} \quad \begin{array}{r} 81 \\ \div 9 \\ \hline \end{array} \quad \begin{array}{r} 16 \\ \div 2 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ \times 1 \\ \hline \end{array}$$

Fractions in Action

1. Describe the difference between an improper fraction and a mixed number.

Write each improper fraction as a mixed number or a whole number.

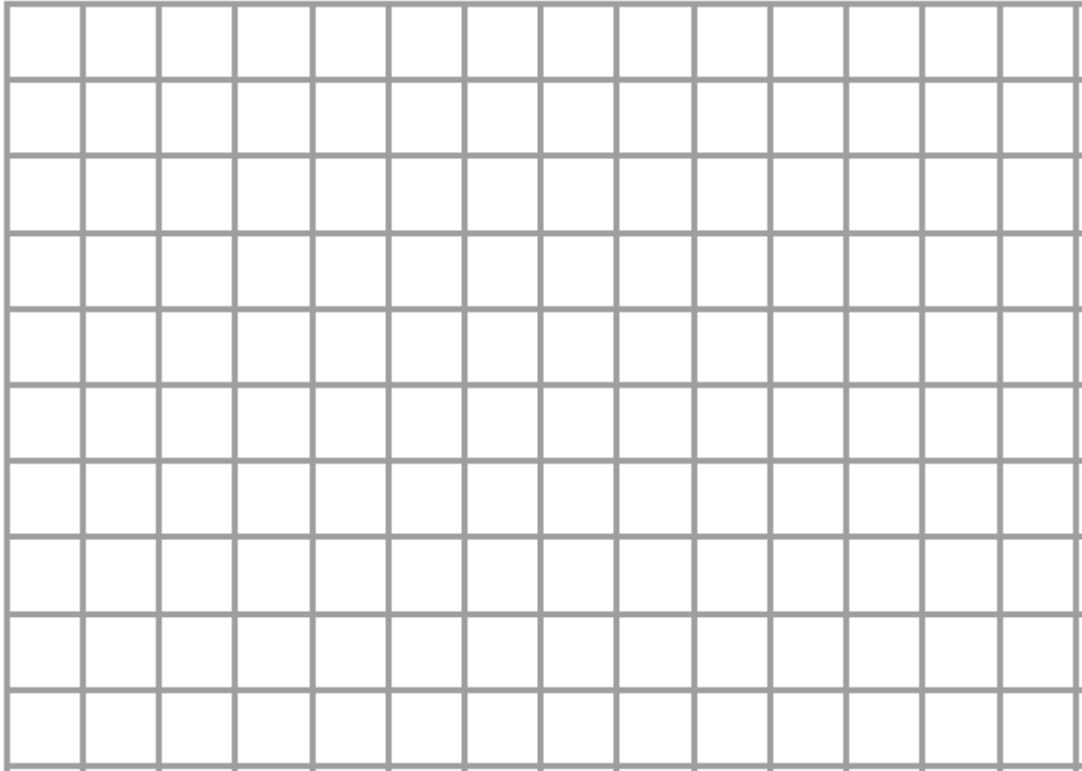
2. $\frac{11}{6}$ _____ 3. $\frac{13}{5}$ _____ 4. $\frac{7}{4}$ _____ 5. $\frac{12}{6}$ _____ 6. $\frac{15}{2}$ _____

Write each mixed number as an improper fraction.

7. $2\frac{1}{3}$ _____ 8. $3\frac{4}{5}$ _____ 9. $4\frac{2}{3}$ _____ 10. $5\frac{1}{6}$ _____ 11. $2\frac{4}{5}$ _____

For each of the following improper fractions, write it as a mixed number and draw a picture to show your understanding.

1. $\frac{13}{2}$ _____ 2. $\frac{9}{3}$ _____ 3. $\frac{7}{3}$ _____



Web Links

Try these web sites for additional practice and interactive learning!

- Math Live
<http://www.learnalberta.ca/content/me5l/html/math5.html>
- Learn Your Tables
<http://www.learnyourtables.co.uk/>



Summer Math Program
Entering Fifth Grade
Week 9



Fast Facts

See how many you can do in one minute!

$$\begin{array}{r} 22 \\ \div 2 \end{array} \quad \begin{array}{r} 72 \\ \div 6 \end{array} \quad \begin{array}{r} 18 \\ \div 3 \end{array} \quad \begin{array}{r} 3 \\ \times 10 \end{array} \quad \begin{array}{r} 2 \\ \times 2 \end{array} \quad \begin{array}{r} 4 \\ \times 5 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \end{array} \quad \begin{array}{r} 1 \\ \times 1 \end{array} \quad \begin{array}{r} 56 \\ \div 8 \end{array} \quad \begin{array}{r} 6 \\ \times 10 \end{array}$$

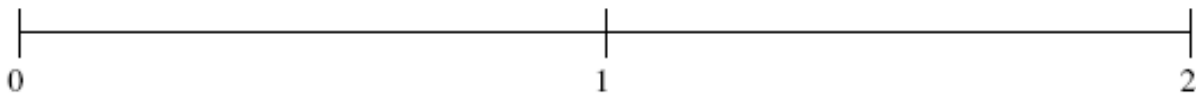
$$\begin{array}{r} 5 \\ \times 6 \end{array} \quad \begin{array}{r} 5 \\ \times 3 \end{array} \quad \begin{array}{r} 72 \\ \div 8 \end{array} \quad \begin{array}{r} 2 \\ \times 10 \end{array} \quad \begin{array}{r} 3 \\ \times 11 \end{array} \quad \begin{array}{r} 30 \\ \div 10 \end{array} \quad \begin{array}{r} 36 \\ \div 4 \end{array} \quad \begin{array}{r} 1 \\ \times 8 \end{array} \quad \begin{array}{r} 3 \\ \times 5 \end{array} \quad \begin{array}{r} 7 \\ \times 2 \end{array}$$

$$\begin{array}{r} 70 \\ \div 7 \end{array} \quad \begin{array}{r} 4 \\ \times 2 \end{array} \quad \begin{array}{r} 40 \\ \div 10 \end{array} \quad \begin{array}{r} 2 \\ \times 6 \end{array} \quad \begin{array}{r} 8 \\ \times 5 \end{array} \quad \begin{array}{r} 45 \\ \div 9 \end{array} \quad \begin{array}{r} 90 \\ \div 10 \end{array} \quad \begin{array}{r} 10 \\ \div 2 \end{array} \quad \begin{array}{r} 12 \\ \times 3 \end{array} \quad \begin{array}{r} 11 \\ \times 1 \end{array}$$

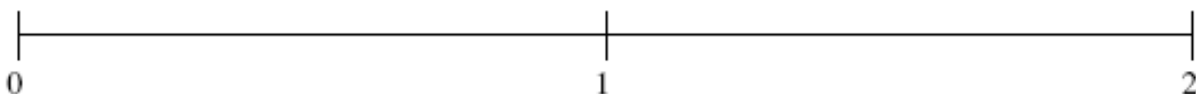
Fractions & Decimals

1. Order the fractions by placing them on the number line.

$$\frac{1}{6}, \frac{1}{2}, 1\frac{3}{4}, 1\frac{1}{3}, \frac{11}{12}$$



$$1\frac{1}{2}, \frac{5}{8}, \frac{1}{4}, 1\frac{11}{12}, 1\frac{1}{4}$$



Divide and check.

1. $3\overline{)6.3}$ _____

2. $6\overline{)1.8}$ _____

3. $8\overline{)20.8}$ _____

4. $6\overline{)31.2}$ _____

5. $38.4 \div 4$ _____

6. $43.5 \div 5$ _____

7. $34.8 \div 6$ _____

8. $77.4 \div 9$ _____

Marvelous Multiplication

Multiply the whole numbers below by using the Distributive Property. (Multiply the tens and ones places separately then add the products.)

$$35 \times 2 = 30 \times 2 + 5 \times 2 = 60 + 10 = 70$$

$$67 \times 2 = \underline{\quad} \times 2 + 7 \times 2 = 120 + 14 = 134$$

$$29 \times 6 = \underline{\quad} \times 6 + \underline{\quad} \times 6 = 120 + 54 = 174$$

$$18 \times 6 = \underline{\quad} \times 6 + \underline{\quad} \times 6 = \underline{\quad} + 48 = 108$$

$$69 \times 2 = \underline{\quad} \times 2 + \underline{\quad} \times 2 = \underline{\quad} + \underline{\quad} = 138$$

$$97 \times 7 = \underline{\quad} \times 7 + \underline{\quad} \times 7 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Web Links

Try these web sites for additional practice and interactive learning!

- Spider Match

http://www.mathplayground.com/ASB_SpiderMatchIntegers.html

- Find a Friend

http://www.eduplace.com/kids/mw/swfs/faf_grade5.html



Summer Math Program
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Fast Facts

See how many you can do in one minute!

$$\begin{array}{r} 81 \\ \div 9 \end{array} \quad \begin{array}{r} 10 \\ \div 2 \end{array} \quad \begin{array}{r} 7 \\ \times 1 \end{array} \quad \begin{array}{r} 10 \\ \div 5 \end{array} \quad \begin{array}{r} 18 \\ \div 9 \end{array} \quad \begin{array}{r} 12 \\ \times 1 \end{array} \quad \begin{array}{r} 6 \\ \times 1 \end{array} \quad \begin{array}{r} 7 \\ \div 7 \end{array} \quad \begin{array}{r} 7 \\ \div 7 \end{array} \quad \begin{array}{r} 2 \\ \times 5 \end{array}$$

$$\begin{array}{r} 11 \\ \times 10 \end{array} \quad \begin{array}{r} 6 \\ \times 9 \end{array} \quad \begin{array}{r} 110 \\ \div 11 \end{array} \quad \begin{array}{r} 3 \\ \times 8 \end{array} \quad \begin{array}{r} 28 \\ \div 4 \end{array} \quad \begin{array}{r} 4 \\ \times 12 \end{array} \quad \begin{array}{r} 30 \\ \div 6 \end{array} \quad \begin{array}{r} 2 \\ \div 1 \end{array} \quad \begin{array}{r} 20 \\ \div 5 \end{array} \quad \begin{array}{r} 8 \\ \times 2 \end{array}$$

$$\begin{array}{r} 9 \\ \times 12 \end{array} \quad \begin{array}{r} 42 \\ \div 6 \end{array} \quad \begin{array}{r} 12 \\ \div 1 \end{array} \quad \begin{array}{r} 1 \\ \times 2 \end{array} \quad \begin{array}{r} 60 \\ \div 12 \end{array} \quad \begin{array}{r} 18 \\ \div 3 \end{array} \quad \begin{array}{r} 48 \\ \div 8 \end{array} \quad \begin{array}{r} 12 \\ \times 5 \end{array} \quad \begin{array}{r} 2 \\ \times 9 \end{array} \quad \begin{array}{r} 4 \\ \times 5 \end{array}$$

Knowing Numbers

Write all the factors of each number. Then identify the number as *prime* or *composite*.

1. 9 _____ 2. 37 _____ 3. 21 _____

4. 32 _____ 5. 41 _____ 6. 36 _____

7. 33 _____ 8. 19 _____ 9. 11 _____

Divide, Divide, Divide!

Divide. Check with multiplication.

1. $80 \overline{)24,000}$ 2. $80 \overline{)960}$ 3. $30 \overline{)2,700}$ 4. $80 \overline{)56,000}$

Solve for the variables.

$48 \div p = 8$

$8 \div p = 8$

$10 \div c = 5$

$m \div 4 = 5$

$35 \div d = 5$

$j \div 5 = 8$

$z \div 5 = 9$

$54 \div c = 9$

$54 \div w = 6$

$t \div 8 = 1$

$32 \div e = 4$

$y \div 2 = 4$

MEANT TO MEASURE!

Measure the length to the nearest centimeter and millimeter.



What unit of measurement would you use to find the weight of a watermelon?

What unit of measurement would you use to find the length of a car? _____

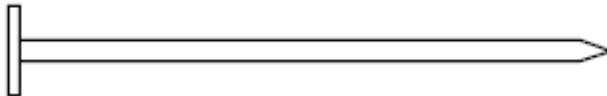
What unit of measurement would you use to find the volume of a juice pitcher?

Measure to the nearest inch, half inch, and quarter inch.

1.



2.



3.



4.



Web Links

Try these web sites for additional practice and interactive learning!

- Cool Math

<http://www.coolmath.com/>

- Primary Games

<http://www.primarygames.com/math.php>