



Summer Math Program
Entering Fourth Grade
Week 6



Fast Facts

See how many you can do in one minute!

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Which Operation Fits?

1. The division expression $354 \div 6$ can be used to solve which of the following problems?

- How many school children there will be if 6 new students enroll at a school with 354 students?
- How many school children will there be in a school if 6 students move away from a school with 354 students?
- How many tables for 6 are needed to sit 354 people?
- How many celery plants are planted in 6 rows if each row has 354 plants?

2. A third grade sports club raised money to buy t-shirts. There were 10 students on the team. Each student raised 4 dollars. Which of the following could be used to find out how much money the students raised all together?

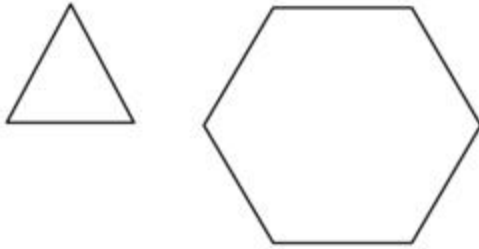
- $10 + 4$
- $10 - 4$
- 10×4
- $10 \div 4$

3. There are 36 pieces of gum in a bag. Mom empties the bag by giving 6 pieces to each of her children. How many children does she have?

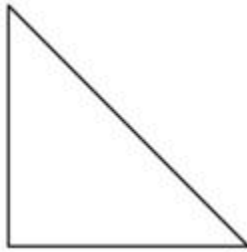
- $36 \div 6 = 6$ children
- $36 + 6 = 42$ children
- $36 \div 9 = 4$ children
- $36 - 30 = 6$ children

Geometry Gems

1. How many triangles would it take to make this hexagon?

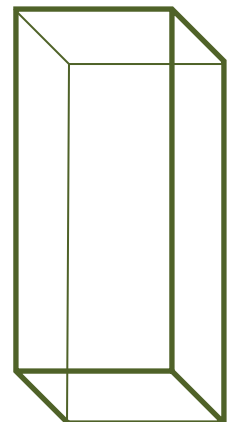
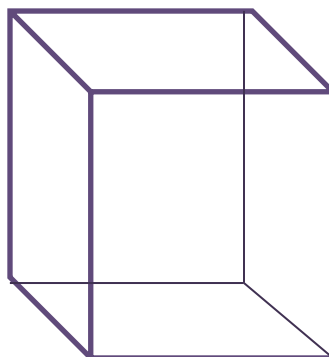
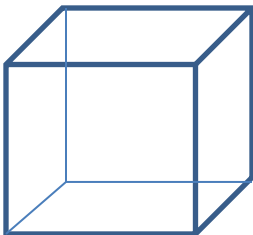


2. How many right triangles would it take to make a square? Answer the question, then show your answer by making a drawing.



3. Make a drawing to show how you could put together 2 triangles and a square to make a parallelogram.

4. Color sets of parallel faces of these rectangular prisms the same color.



5. Fill in the table to show your understanding of two-dimension shapes.

Shape & drawing	Number of Angles	Number of Sides	Number of Vertices	Number of Line Segments
Parallelogram				
Trapezoid				
Circle				
Square				
Rectangle				
Rhombus				

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

$\frac{1}{2}$

$\frac{1}{2}$

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