
# Summer Math Program
## Entering Fifth Grade
## Week 7

### Fast Facts

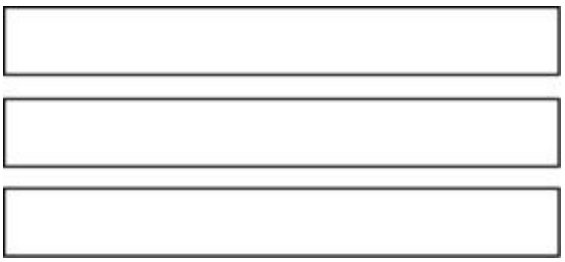
See how many you can do in one minute!

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 ÷ 12 | 1 × 10 | 9 ÷ 3 | 12 ÷ 1 | 1 × 7 | 8 × 8 | 4 × 3 | 9 ÷ 9 | 24 ÷ 3 | 7 ÷ 1 |
| 24 ÷ 8 | 1 × 6 | 28 ÷ 4 | 4 × 11 | 77 ÷ 11 | 5 × 10 | 11 × 5 | 11 × 12 | 66 ÷ 11 | 11 × 3 |
| 4 ÷ 2 | 10 × 7 | 6 × 7 | 96 ÷ 12 | 12 × 6 | 3 ÷ 1 | 9 × 6 | 10 × 10 | 18 ÷ 3 | 1 × 6 |

## Fractions & Decimals

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

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



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. _____

_____

5. How is thirteen hundredths written in standard form? _____

6. Which number is the same as one fourth?

a. 0.4
b. 0.04
c. 0.25
d. 0.75

7. Which number is the same as 0.5?

a. one half
b. 5/1
c. five hundredths
d. 5/1000

8. Write one-tenth and one-hundredth in decimal form.

_____ _____

## Marvelous Multiples

A *multiple* is the product of two integers. To find the multiples of a certain number, multiply that number by every integer, starting with 1.
*Example:* Multiples of 10 are 10, 20, 30, 40, 50, and so on.

**Find multiples of each number by filling in the circles.**

**1. Multiples of 4** ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

**2. Multiples of 6** ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

**3. Multiples of 8** ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

**4. Multiples of 9** ○ ○ ○ ○ ○ ○ ○ ○ ○ ○

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?

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