Summer Math Program
Entering Sixth Grade
Week 2

Fast Facts

See how many you can do in one minute!

5 x 9 = _____	49 ÷ 7 = _____	6 x 4 = _____	24 ÷ 3 = _____
5 x 6 = _____	18 ÷ 6 = _____	3 x 12= _____	42 ÷ 7 = _____
8 x 4 = _____	20 ÷ 5 = _____	4 x 9 = _____	56 ÷ 8 = _____
4 x 7 = _____	72 ÷ 8 = _____	8 x 6 = _____	48 ÷ 4 = _____
2 x 9 = _____	48 ÷ 12 =_____	9 x 9 = _____	66 ÷ 6 = _____

Fraction Actions

(For a Khan Academy lesson on adding fractions with unlike denominators, go to: http://www.khanacademy.org/math/arithmetic/fractions/v/adding-fractions-with-unlike-denominators)

1. Add these fractions: $\frac{3}{7}+\frac{2}{9}$

2. Patty brought 1/2 of a cake to class, and Joe brought 3/4 of a cake on the same day. How much cake did the class have altogether? Show your work.

3. Jill has 3/4 of a yard of ribbon. Tammy has 4/7 of a yard. How much do they have altogether? Show your work.

4. Jim has 1/2 pound of jellybeans and Sarah has 3/8 pound. Write a math sentence you could use to find how many pounds they have together.

Problem Solving - Data

1. Family A has 2 children, Family B has 1 child, Family C has 1 child, and Family D has 4 children. What is the mean number of children for the families?

2. Last summer Samantha swam the backstroke in five swim meets. Her times were:

56 seconds 56 seconds 44 seconds 47 seconds 42 seconds

Find the mean of her times. Explain how you found your answer.

Work Space Explanation

_____

_____

_____

Geometry Time

1. How do the areas of these two figures compare? Select your answer, and then explain why you think your answer is correct.

Figure A

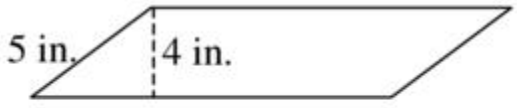

Figure B

a. The area of Figure A is greater than the area of Figure B.
b. The area of Figure B is greater than the area of Figure A.
c. The area of Figure A is equal to the area of Figure B.
d. The area of Figure B is twice the area of Figure A.

Explanation:

_____

_____

_____

Web Links

Try these web sites for additional practice and interactive learning!

- http://www.math.com/school/subject2/practice/S2U2L3/S2U2L3Pract.html