

Real Life Math – Addition & Subtraction

Review

$$\begin{array}{r} 34 \\ + 42 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ + 66 \\ \hline \end{array}$$

Keep columns straight
Carry ones to the tens column

$$\begin{array}{r} 145 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ - 64 \\ \hline \end{array}$$

Borrow from the tens column

Problems:

1. Your family took a 2-day car trip last summer. The first day you traveled 296 miles; the 2nd day you drove 315 miles. How long was your trip all together?

2. There are 232 kids enrolled at your school. One day, 24 went on a field trip. How many were in school that day?

3. Mrs. Ransom ordered 294 new books for the Heatherwood library. One day, 176 of them arrived; the others will come in a few days. How many more are coming?

Challenge: Katie and Megan are planning cross-country trips. They will both start in Los Angeles and end in Washington DC. However, the roads they take and the cities they visit are different. Add up each girl's miles from one city to the next. When they reach Washington D. C. who will have traveled more miles? How many more miles?

Katie's Trip

Los Angeles to Denver	1,356 miles
Denver to Kansas City	615 miles
Kansas City to Chicago	527 miles
Chicago to Washington D.C.	901 miles

Megan's trip

Los Angeles to Phoenix	474 miles
Phoenix to Dallas	1,226 miles
Dallas to Atlanta	997 miles
Atlanta to Washington D.C.	709 miles



Real Life Math - Money

Review

Keep dollars and cents in the correct columns.

Line up the decimal places

Add and subtract like regular numbers

$$\begin{array}{r} \$ 456.32 \\ + 21.34 \\ \hline \end{array}$$

Problems:

On your birthday, your parents gave you \$20.00 to spend any way you like. You bought candy for \$2.25, two books for \$3.00 each, and ice cream for \$1.85.

How much money do you have left? Write the equation you use to figure it out.

Challenge: You love Magic Treehouse books, and would like to use the rest of your money to buy as many as you could. If each book costs \$3.50, how many could you afford to buy with the money you have left?

Real Life Math - Multiplication

Review

$$3 \times 5 = 5 + 5 + 5 =$$



Problems

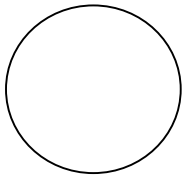
1. You invited 6 friends to a party. You want to put 4 pieces of candy in each treat bag. How many pieces of candy do you need?

2. You're playing in a basketball league. There are 8 kids on a team, and 6 teams. How many kids are in your league in total?

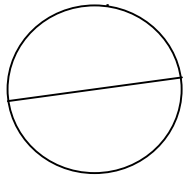
Challenge: There's another league in town. This one has 9 kids on each team, and 8 teams. How many kids play in that league? How many total basketball players are there in town?

Real Life Math - Fractions

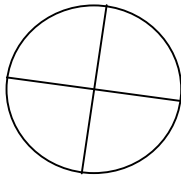
Review



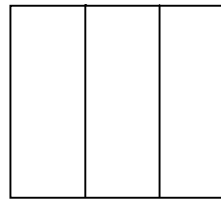
1 whole



$\frac{1}{2}$



$\frac{1}{4}$



$\frac{1}{3}$

When adding or subtracting fractions, only add or subtract the top number in the fraction – and only when the bottom number is the same.

Problems

1. You're having pizza for dinner. You and your brother each eat $\frac{1}{3}$ of the pizza. How much is left for your parents?

2. Your class is doing a project to figure out when everyone's birthday is during the year. There are 10 kids in the class. Here's a listing of the results:

- 2 birthdays in January
- 1 birthday in March
- 1 birthday in May
- 1 birthday in June
- 2 birthdays in August
- 1 birthday in September
- 2 birthdays in November

The teacher asks you to figure out the fraction of birthdays that happen in the summer (July, August, and September).

Challenge: What fraction of birthdays takes place in summer AND winter (which is January, February, and March) together?

Real Life Math – Geometry and Area

Review

2D shapes we studied: square, circle, triangle, rectangle,

3D shapes we studied: cube, pyramid, sphere, cone, prism, cylinder

Area is the space inside a shape. Area is measured in square units like feet, yard and mile. Area is the space inside the shape.

Problems

1. Name the geometric object that is most like the following things you see around you:

Shoe box

Oatmeal container

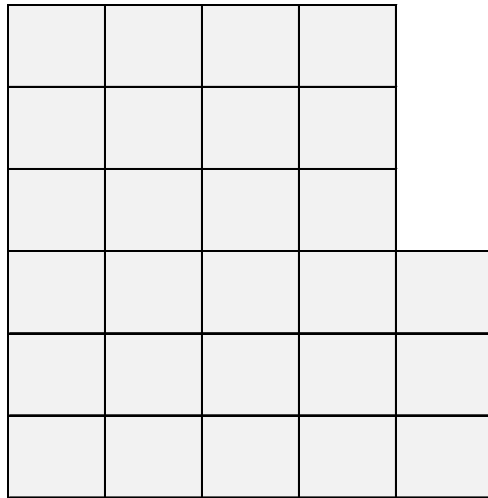
Ice cream cone

Ring

Slice of pizza

Postage stamp

2. You want to put some new carpet in your room, but you don't know how much to buy. Here's a diagram of your room. Each square is one square foot. Figure out the area of your room so you know how much carpet you'll need.



Challenge: If every square foot of carpet costs \$2, how much money will you need?

Real Life Math - Algebra

Review

Solve for a missing number with balanced equations

$$3 + n = 10 + 6$$

$$3 + n = 16$$

$$3 + n - 3 = 16 - 3$$

$$n = 13$$

Problem

Your family takes another car trip this summer. You know that the whole trip took 3 days, and that you traveled 583 miles in total. You also know that you drove 231 miles the first day, and 172 on the 3rd day. How many miles did you drive on day 2? Show the equation you would use to figure out the answer.