

Word Problem

I bought two cookies yesterday and decided to share them with two friends. How can we share my 2 cookies equally among the 3 of us? How many different ways can we divide the cookies so that each person has the same amount?

Word Problem

My aunt works for a seed company and asked for my help. I thought you could help me too.

She has bags full of seeds that she needs to organize in groups of 10. She will place each group in an envelope. She needs to know how many envelopes she will need to send seeds to her customers.

Provide each student or group with a small plastic bag full of different quantities of manipulatives to model the seeds (28, 38, 52, 84, and so on). Explain that they need to provide your aunt with a drawing of how the seeds were organized.

Word Problem

Four children collected 627 pennies.
They want to share the pennies equally.
How many pennies will each child get?
How many pennies will be left over?

How would your answers change if
there were 5 children?

Word Problem

I have a large aquarium. I want to spend exactly 100 dollars buying fish. The store where I buy my fish has several kinds. The large green fish cost 10 dollars each. The blue fish cost 20 dollars each, and the small red fish cost 5 dollars each. I want to buy at least one fish of each colour. How many combinations that include each fish can I buy?

Word Problem

How many different rectangles can you make using tangram pieces?

Word Problem

I have decided to buy some new running shoes. The pair I want is on sale for 30% off. The shoes now cost 45 dollars.

Next week the shoes go back to their regular price. How much will they be?

Word Problem

A playground space is being designed for our school. We have 420 metres of fencing. Which kind of shape would create the largest playground?

Word Problem

I am packing for a vacation.
I am limited in what I can bring.
If I bring 3 shirts and 4 pairs of
pants, how many different outfits
will I have?