

WEDNESDAY MORNING MATH - LEVEL 1, PROBLEM 1

Dr. Hunter decided to make a big pot of stew to warm up in the middle of winter. To make it just right, she weighed the ingredients to make sure she had the right amounts.

She weighed a parsnip, a rutabaga, a turnip, and a carrot.

The carrot weighed 12 pounds less than the turnip, and the turnip weighed 5 pounds more than the parsnip. The parsnip weighed half as much as the rutabaga. Dr. Hunter rolled the rutabaga on the scale and it weighed 26 pounds.

How much did the carrot weigh? **6 pounds**

(rutabaga = 26, parsnip = 13, turnip = 18, carrot = 6)

WEDNESDAY MORNING MATH - LEVEL 1, PROBLEM 2

Mrs. Andrews is making Thanksgiving dinner. She is having a total of 10 people for dinner.

Each of Mrs. Andrews' tables is square and can seat one person on each side. Mrs. Andrews decides to push some of the tables together until they make a rectangle that can fit all 10 people.

How many tables will Mrs. Andrews need? **4 tables**

Draw what it will look like below:



WEDNESDAY MORNING MATH - LEVEL 1, PROBLEM 3

For Thanksgiving, Mrs. Coleman always bakes yummy soft and chewy pumpkin cookies.

Her dog, Jake, ate 3 cookies.

One guest ate twice as many cookies as Jake.

Another guest ate twice as many cookies as the first guest.

And Mr. Coleman ate twice as many cookies as that! Then, all the cookies were gone.

How many cookies did Mrs. Coleman bake? **45 cookies**

Jake- 3, guest - 6, another guest - 12, Mr. Coleman - 24

**WEDNESDAY MORNING MATH -
LEVEL 2, PROBLEM 1**

After dinner, Mrs. Coleman and her guests went in the front yard to play their traditional Thanksgiving Day football game.

There were two teams - the people who loved the Redskins and the people who loved the Cowboys.

Together the teams scored 49 points.

The Redskins team scored 7 points more than the Cowboys team.

How many points did each team score?

Cowboys - 21, Redskins - 28

**WEDNESDAY MORNING MATH -
LEVEL 2, PROBLEM 2**

Twas the night before Christmas and all through the house

.....three mice were sneaking around in search of holiday treats!
They were in luck because Santa is a messy eater and he left
gingerbread cookie crumbs all around the living room table.

Holly found 8 fewer cookie crumbs than her brother Jingle. Ivy
found 33 cookie crumbs. Jingle found 15 fewer cookie crumbs than
Ivy did.

How many crumbs did Holly find? **10 crumbs**

(Jingle - 18, Ivy - 33)

WEDNESDAY MORNING MATH - LEVEL 2, PROBLEM 3

Each person at the dinner says what they are thankful for this year.

The first person was thankful for one thing.

The second person was thankful for two things.

The third person was thankful for four things and the fourth person was thankful for eight things.

Miss Fields said she noticed a pattern. If the pattern continues in this way, how many things would the tenth person at the dinner table have been thankful for? **512 things**

**1st person - 1, 2nd - 2, 3rd - 4, 4th - 8, 5th - 16, 6th - 32,
7th - 64, 8th - 128, 9th - 256, 10th - 512**

WEDNESDAY MORNING MATH - LEVEL 3, PROBLEM 1

Anne and her friends made a pile of 31 snowballs this morning.

Then the sun came out.

It melted 1 snowball in the first hour, 2 snowballs in the second hour, and 4 snowballs in the third hour.

Each hour the sun is melting twice as many snowballs as it did the hour before.

If the sun keeps melting snowballs in this way, how many hours will it take the sun to melt the whole pile of snowballs?

5 hours total

1 snowball the first hour, 2 the second hour, 4 the 3rd hour, 8 the 4th hour and 16 the 5th hour (1 + 2 + 4 + 8 + 16 = 31)

WEDNESDAY MORNING MATH – LEVEL 3, PROBLEM 2

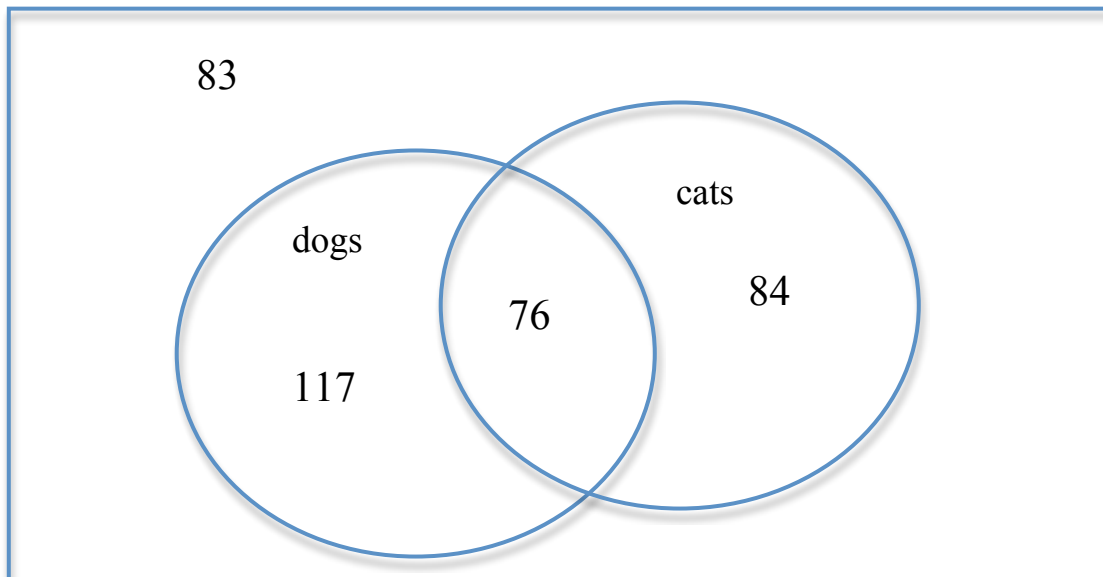
***Definitely suggest a venn diagram if students need help!**

Mrs. Garnett's class surveyed 360 students in the school about their pets.

Here's what they found:

- 193 of the students have dogs.
- 160 of the students have cats.
- 83 of the students have neither a dog nor a cat.

How many students have both a dog and a cat? **76 students**



WEDNESDAY MORNING MATH - LEVEL 3, PROBLEM 3

Elves get special bells on their birthdays. Help us discover how many bells our elf will have on his birthday this year.

Berry the elf will turn 50 this year. When an elf turns 50 he receives one silver bell. He gets another one when he turns 52, and another one when he turns 54. This pattern continues on his even years for the rest of his life.

When he turns 101, he gets 3 gold bells. He gets three more gold bells when he turns 103, and so on for every odd year's birthday.

Given these two patterns for silver and gold bells, how many bells will Berry have to ring on his 150th birthday? **126 bells**

From ages 50-88, Berry will get 25 bells.

From ages 100-149, Berry will get 100 bells.

At age 150, Berry will get 1 bell.

$25 + 100 + 1 = 126$ bells.

WEDNESDAY MORNING MATH - LEVEL 4, PROBLEM 1

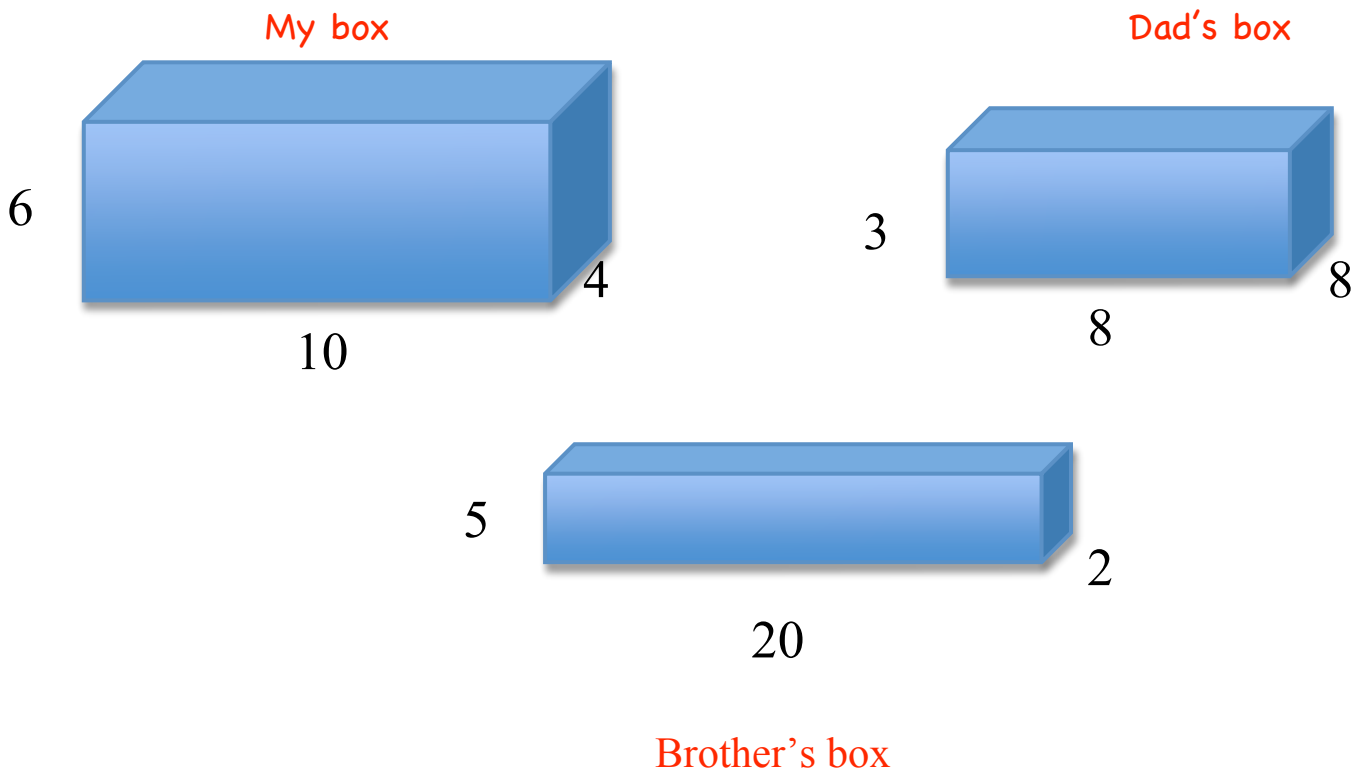
Your mother has put Hanukkah gifts out for the whole family. They are wrapped and waiting in a pile on the table. You look at them closely, but there are no gift tags.

"Which one is mine?" you ask.....

"Well," says your mother, "The box with the largest volume is for you. The box with the second largest volume is for your younger brother. The box with the smallest volume is for your dad."

Then she asks you to put the gift tags on for her.

Look carefully at the three boxes below. Which box is yours, which is your brother's, and which is your dad's?



WEDNESDAY MORNING MATH - LEVEL 4, PROBLEM 2

Mrs. Clore has a vegetable garden. She sells her extra produce at the local Farmer's Market. One Saturday she sold \$200 worth of vegetables - peppers, squash, tomatoes, and corn.

- Mrs. Clore received the same amount of money for the peppers as she did for the squash.
- The tomatoes brought in twice as much as the peppers and squash together.
- The money that she made from corn was \$8 more than she made from the other three kinds of vegetables combined.

How much did Mrs. Clore receive for each kind of vegetable?

Peppers = \$16

Squash = \$16

Corn = \$104

Tomatoes = \$64

WEDNESDAY MORNING MATH – LEVEL 4, PROBLEM 3

It's the start of a new football season and my favorite team, the Alligators, is looking good! They won their first game by beating their arch-rivals, the Crocodiles, 28-27 on a last-second play.

In the course of the game they piled up a lot of running yards, divided among four players:

- The bruising fullback, Vernon Variable, accounted for a chunk of those yards.
- The star halfback, Reggie Root, ran for 15 less than three times as many yards as Vernon did.
- The speedy wide-out, Larry Linear, ran only once – a fancy reverse that went for a touchdown. But on that one play he gained 11 more yards than Vernon's total.
- The crafty quarterback, Quentin Quadratic, ran for a total of 18 yards on a variety of scrambles.

If the Alligators ran for 229 total yards, how many yards did each of the four players gain?

Vernon = 43 yards

Reggie Root = 114 yards

Larry Linear = 54 yards

Quentin = 18 yards