

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

There are eight more girls than boys in the high school math club. The club has a total of 44 members. How many boys and how many girls are there?

Boys = 18

Girls = 26

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

Farmer Brown had ducks and cows. One day he noticed that the animals had a total of 12 heads and 32 feet. How many of the animals were ducks and how many were cows?

Ducks = 8

Cows = 4

**WEDNESDAY MORNING MATH –
LEVEL 1, PROBLEM 3**

Mindy, Ann Ross, Nicole, Dana, & Kitty were in a 100-yard race. When the newspaper photographer took photos of the race, Mindy had just passed the midway mark, Ann Ross was 15 yards away from the finish, and Dana had run 40 yards. Kitty had run twice as far as Dana. Nicole was at the 70-yard mark. Help the photographer identify the runners.

List the runners in order, starting with the runner closest to the finish line.

Ann Ross (at the 85 yard mark)

Kitty (80)

Nicole (70)

Mindy (just past the midway mark)

Dana (40)

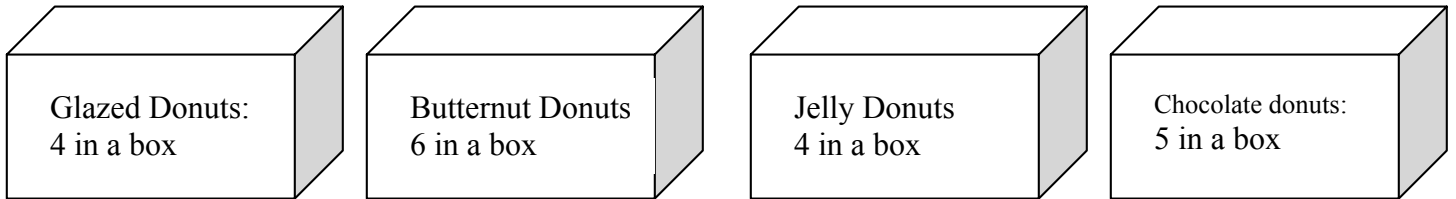
**WEDNESDAY MORNING MATH -
LEVEL 2, PROBLEM 1**

The digits 135791357913579.....are written on a screen.
If 98 digits can be written on one line, then the last digit
on the first line is _____.

5

The numbers 13579 continue to repeat, so
every multiple of 5 will be a 9. So the 95th
digit will be a 9, the 96th will be a 1, the 97th
will be a 3, and the 98th will be a 5.

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



Dave's soccer team bought 11 boxes of donuts at The Delicious Donut Shop. They bought 50 donuts in all.

- They bought more boxes of jelly donuts than any other kind.
- They bought the same number of boxes of chocolate donuts as boxes of butternut donuts.
- They purchased more boxes of glazed donuts than butternut donuts.
- They bought no more than 4 boxes of any one type of donut.

How many boxes of each kind did they buy?

3 Glazed Donuts
2 Butternut Donuts
4 Jelly Donuts
2 Chocolate Donuts

**WEDNESDAY MORNING MATH –
LEVEL 2, PROBLEM 3**

<i>Category</i>	<i>Perfect Score</i>
Rider	30
Horse's Appearance	40
Showing the Horse	30
Total Possible Points	100

Courtney, Damon, Joshua, and Michelle are showing their horses at the summer horse show. The highest possible points for a "perfect score" in each category are listed above.

- In the Rider category, Damon lost 5 points from a perfect score, but Joshua and Michelle lost just 1 point. Courtney's score was 2 points higher than Damon's.
- In the Horse's Appearance Category, Damon had the highest score of 39. Michelle was 1 point behind Damon, and Joshua was 1 point behind her. Courtney was 5 points off a perfect score.
- Joshua's score for Showing the Horse was the same as his score in the first category. Damon and Michelle tied just 2 points lower than Joshua. Courtney's score was between Damon's and Joshua's.

Who placed first, second, third, and fourth, and what was each person's total score?

(Hint: you may want to make a table!)

<i>Category</i>	<i>Courtney</i>	<i>Damon</i>	<i>Joshua</i>	<i>Michelle</i>
Rider	27	25	29	29
Horse's Appearance	35	39	37	38
Showing the Horse	28	27	29	27
Total Possible Points	90 (4 th)	91 (3 rd)	95 (1 st)	94 (2 nd)

WEDNESDAY MORNING MATH - LEVEL 3, PROBLEM 1

Four students are seated around a square table. They each play a different school sport: basketball, baseball, lacrosse, soccer.

- The baseball player sits to the left of Deanna.
- Julie and Jake sit next to each other.
- The lacrosse player sits across from William.
- A girl sits to the left of the soccer player.

Which sport does each student play?

Julie plays lacrosse.

Deanna plays basketball.

William plays baseball.

Jake plays soccer.

**WEDNESDAY MORNING MATH -
LEVEL 3, PROBLEM 2**

Luke has two pet rabbits. One rabbit eats $\frac{1}{2}$ cup of rabbit food a day and the other rabbit eats $\frac{1}{4}$ cup of rabbit food a day. How many cups of rabbit food does Luke need to feed the two rabbits for the 28 days in February?

21 cups (3/4 cups of food each day, x 28 days)

**WEDNESDAY MORNING MATH -
LEVEL 3, PROBLEM 3**

Tamara's mother made small bags of coins for each of her 7 grandchildren. Each bag was just alike and had the same amount of money. There was an equal amount of nickels and dimes in each bag. There were three times as many quarters as nickels and dimes combined in each bag. There were 32 coins in each bag.

How many nickels were there? **4 in each bag**

How many dimes were there? **4 in each bag**

How many quarters were there? **24 in each bag**

How much money did each grandchild get in his or her bag? **\$6.60**

How much money did Tamara's grandmother give away altogether?
\$46.20

WEDNESDAY MORNING MATH – LEVEL 4, PROBLEM 1

Ten teams in a sports league each played 12 games during the season.

- The Hornets lost 10 games.
- The X-men won and lost the same number of games.
- The Jaguars won one third of their games, and the Asteroids won twice as many as the Jaguars.
- The Mountaineers won 1 out of every 4 games.
- The computer listing showed the Dragons as winning $.583$ of their games.
- The Firebirds won $.083$ of their games, and the Tigers won $.83$ of theirs.
- The Pirates won less than half of their games but more than the Jaguars.
- The Saturns won 3 more games than the X-men.

Beginning with the first place team, list their rank order at the end of the season.

Tigers (1st)

Saturns

Asteroids

Dragons

X-Men

Pirates

Jaguars

Mountaineers

Hornets

Firebirds

**WEDNESDAY MORNING MATH -
LEVEL 4, PROBLEM 2**

John's family went on a vacation. They did more traveling on some days than on others because they went to the beach or amusement park and visited some family members. The first 2 days they traveled the same number of miles. The third day they traveled $\frac{1}{4}$ as many miles as the first day. The fourth day they traveled 3 times as many miles as the first and third day combined. They traveled a total of 480 miles. How many miles did they travel each day?

Day 1 = 80 miles

Day 2 = 80 miles

Day 3 = 20 miles

Day 4 = 300 miles

**WEDNESDAY MORNING MATH –
LEVEL 4, PROBLEM 3**

A beautiful box of candy costs \$20. If the box is valued at \$19 more than the candy, what is the candy worth?

The candy is worth \$0.50 and the box is worth \$19.50.