# WEDNESDAY MORNING MATH –
# LEVEL 1, PROBLEM 1

Megan is two years younger than Amanda.

The sum of their ages is 14. (That means that if you add Megan's age to Amanda's age, you will get 14.)

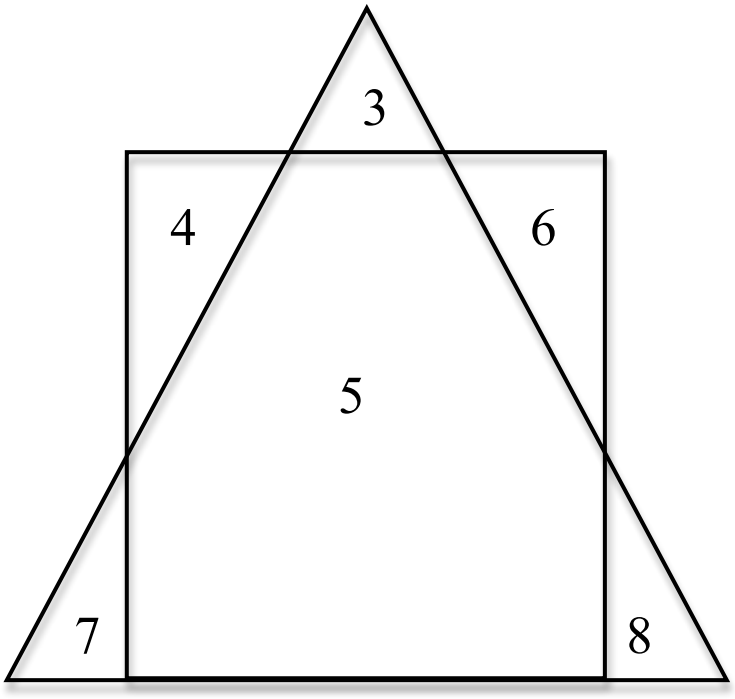
How old is Megan? 6 years old

Show your work below:

Megan = 6 & Amanda = 8

# WEDNESDAY MORNING MATH – LEVEL 1, PROBLEM 2

Find the sum of all the numbers that are outside of the square but are inside of the triangle. 3 + 7 + 8 = 18



# WEDNESDAY MORNING MATH – LEVEL 1, PROBLEM 3

In the parking lot, Dr. Hunter noticed a lot of trucks. There were pickup trucks with 6 wheels and some pickup trucks with 8 wheels. She noticed that there were 56 wheels in all.

How many 6 wheel trucks were there?

How many 8 wheels trucks were there?

There can be 4 6-wheel trucks with 4 8-wheel trucks OR
there can be 8 6-wheel trucks with 1 8-wheel truck.

Show your work below:

# WEDNESDAY MORNING MATH – LEVEL 2, PROBLEM 1

Ken bought 2 pencils for 11 cents each. Barbara bought 6 pencils at a cost of 2 pencils for 11 cents. How much more did Barbara pay for her 6 pencils than Ken paid for his 2 pencils?

11¢ more

Show your work below:

Ken: 2 pencils at 11¢ each = 22¢
Barbara: 6 pencils at 2 pencils for 11¢ = 11+11+11 = 33¢ total

How much more did Barbara pay? 33-22 = 11¢ more

# WEDNESDAY MORNING MATH – LEVEL 2, PROBLEM 2

John's Little League Baseball team won 3 out of every 4 games they played.

If they played 24 games, then they lost 6 games.

Show your work below:

3 games out of every 4 games are won. Which means that 18 games out of 24 will be won. Which means that they will lose 24-18 or 6 games.

# WEDNESDAY MORNING MATH – LEVEL 2, PROBLEM 3

Facing the front of the room, Mary is third in line.

When the people in line turn to face the back of the room, Mary is fourth in line.

How many students, including Mary, are in the line?

6 students

Show your work below:

Front of the room
Person
Person
Mary
Person
Person
Person
Back of Room

# WEDNESDAY MORNING MATH – LEVEL 3, PROBLEM 1

If $a \Delta b = (b + b - a) - (a - b)$,

how much larger is $9\Delta8$ than $7\Delta5$? 5 larger

Show your work below:

$9\Delta8 = (8+8-9) - (9-8) = 7-1=6$

$7\Delta5 = (5+5-7) - (7-5) = 3-2 = 1$

$6-1=5$

# WEDNESDAY MORNING MATH – LEVEL 3, PROBLEM 2

Walker's math assignment was to do all the odd-numbered problems from 1 up to and including 25. When he finished the problems he was supposed to do, he decided to do 5 more problems.

Walker did a total of 18 problems.

Show your work below:

1-25 odd = 1,3,5,7,9,11,13,15,17,19,21,23,25 = 13 problems

+ 5 more = 18 problems

# WEDNESDAY MORNING MATH – LEVEL 3, PROBLEM 3

Fifty-one (51) pounds of sugar have to be put into bags. Some are 4-pound bags and some are 5-pound bags. The least number of full bags necessary to hold all 51 pounds of sugar is 11 bags.

Show your work below:

4 pound bags will only work with 4 4-pound bags and 9 4-pound bags.

4 4-pound bags & 7 5-pound bags will hold 51 pounds of sugar. (11 bags total)

It will also work with 9 4-pound bags and 3 5-pound bags but that is 12 bags of sugar – not the least amount of bags.