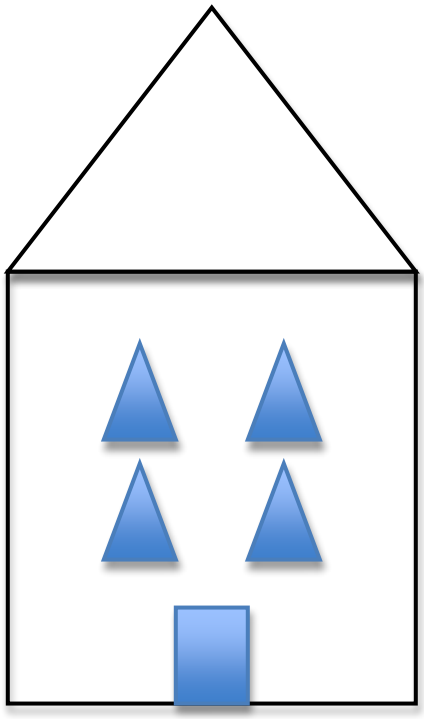
WEDNESDAY MORNING MATH –
LEVEL 1, PROBLEM 1

If rectangles and squares cost $5, and triangles cost $10, how much does the front of the house below cost? $60



Rectangles = 5 + 5 = 10

Triangles = 10 + 10 + 10 + 10 + 10 = 50

10 + 50 = 60

WEDNESDAY MORNING MATH –
LEVEL 1, PROBLEM 2

Wally has 16 coins. Half of the coins are dimes and half are pennies. How much money does Wally have? $0.88

Show your work below:

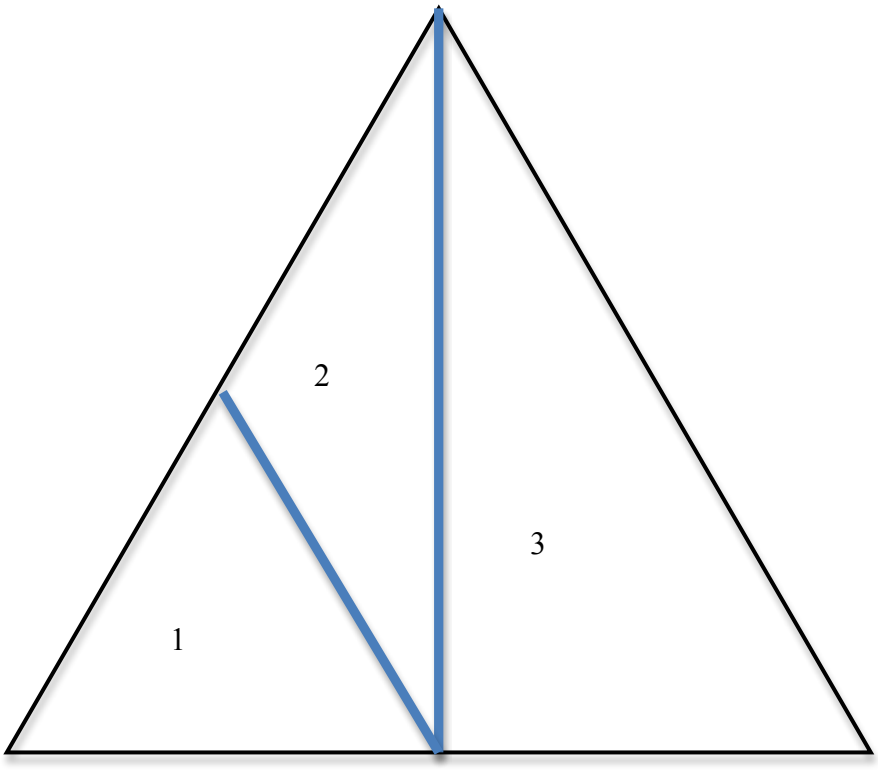
8 dimes = 80 cents

8 pennies = 8 cents

80 + 8 = 88 cents

WEDNESDAY MORNING MATH – LEVEL 1, PROBLEM 3

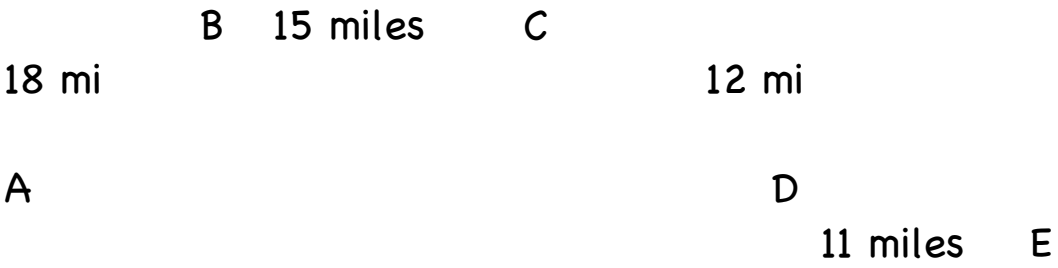
How many triangles are there in the figure below? 5



The 5 triangles are: 1, 2, 3, 1&2&3, 1&2

WEDNESDAY MORNING MATH –
LEVEL 2, PROBLEM 1

How many more miles is it from A to C than it is from C to E along the path shown? 10 more miles



From A to C is 33 miles.
From C to E is 23 miles.
33 is 10 more miles than 23.

WEDNESDAY MORNING MATH – LEVEL 2, PROBLEM 2

The barber shop is open Tuesday through Friday from 7:00 a.m. to 9:00 p.m. The barber shop is open on Saturday from 8:00 a.m. to 5:00 p.m. It is closed Sunday and Monday. How many hours is the barber shop open each week? 65 hours

Show your work below:

From Tuesday through Friday the shop is opened 14 hours each day.

14 hours x 4 days = 56 hours

Saturday the shop is opened 9 hours.

56 + 9 = 65 hours

WEDNESDAY MORNING MATH –
LEVEL 2, PROBLEM 3

Five cards in a hat are numbered 1 through 5. One card is taken from the hat. The sum of the numbers remaining in the hat is 11.

What numbered card was taken from the hat? 4

Show your work below:

1 + 2 + 3 + 5 = 11, so 4 must have been removed.

WEDNESDAY MORNING MATH – LEVEL 3, PROBLEM 1

Jon has $1.55 in his pocket all in coins. He only has dimes and quarters.

If he has 8 coins, how many dimes does Jon have? 3

Show your work below:

25 + 25 + 25 + 25 + 25 + 10 + 10 + 10 = 155

Jon must have 3 dimes.

WEDNESDAY MORNING MATH - LEVEL 3, PROBLEM 2

The Jones family has 3 children. Amy's age plus Betty's age add to 29 years. Amy's age plus Carl's age add to 27 years. Betty's age plus Carl's age add to 22 years. The difference between the oldest child and the youngest is 7 years.

Show your work below:

29-27 = 2
27-22=5
29-22=7
The difference in ages is 2 years, 5 years, and 7 years. The difference between the oldest and youngest is 7 years.

WEDNESDAY MORNING MATH –
LEVEL 3, PROBLEM 3

Hector has 2 pennies, 2 nickels, and 3 dimes. Will has twice as many pennies, 5 times as many nickels and 3 times as many dimes as Hector.

If Will gives Hector 51 cents, then they will have the same amount of money.

Show your work below:

Hector has 42 cents.

Will has 4 pennies, 10 nickels, and 9 dimes which is $1.44.

If Will gives Hector 51 cents, they will both have 93 cents.

WEDNESDAY MORNING MATH – LEVEL 4, PROBLEM 1

If 2 chickens can lay 8 eggs in 3 days, how many eggs can 5 chickens lay in 6 days?

40 eggs

Show your work below.

If 2 chickens lay 8 eggs in 3 days, then 1 chicken will lay 4 eggs in 3 days. Five chickens will lay 20 eggs in 3 days and 40 eggs in 6 days.

WEDNESDAY MORNING MATH - LEVEL 4, PROBLEM 2

Maria has 350 baseball cards in her collection. She keeps 160 of them in her closet and 50 in her desk drawer. The remaining cards are equally divided and placed in 5 different piles. How many cards are in each pile? 28

160 + 50 = 210 kept in her closet and desk drawer

350-210 = 140 remaining

140 divided into 5 piles = 28 cards in each pile

WEDNESDAY MORNING MATH – LEVEL 4, PROBLEM 3

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

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

Show your work below:

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

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

so 6 is 5 larger than 1