PS 89 Dr Lydia T Wright School Of Excellence

**MATH GRADE 7: MAE7G 1 MATH GRADE 7**

# MAY WEEK 1 TAKE A QUIZ 5

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ID: **8271**

Question 1

[    ] /1

# Value of Pi =

- [ ] 31.9
- [ ] 31.4
- [ ] 3.19
- [ ] 3.14

Question 2

[    ] /1

# Formula for area of a triangle =

- [ ] ½ bh
- [ ] 2(b+h)
- [ ] 2bh
- [ ] ½ (b+h)

Question 3                                                    ☐  /1

# Which phrase is a description of s - 12?

☐  12 decreased by s

☐  12 increased by s

☐  s decreased by 12

☐  s increased by 12

Question 4                                                    ☐  /1

## Which expression has the same value as 59.2 - 84.7 ?

☐  84.7 - 59.2

☐  59.2 - (-84.7)

☐  -84.7 + (-59.2)

☐  59.2 + (-84.7)

Question 5                                                    /1

## Which statement describes the decimal equivalent of 7/8?

☐   It is a decimal with a repeating digit of 5.

☐   It is a decimal that terminates after 2 decimal places.

☐   It is a decimal with repeating digits of 75.

☐   It is a decimal that terminates after 3 decimal places.

Question 6                                                    /1

## The cost of 2 pounds of potatoes is $3.78.

## What is the constant of proportionality that represents the relationship between the cost, y, to the number of pounds of potatoes, x?

☐   k = 7.56

☐   k = 0.53

☐   k = 1.89

☐   k = 3.78

Question 7                                                     ☐  /1

## What is the rule for inequalities?

☐  If you add or subtract by a negative - flip the sign.

☐  Never flip the sign, ever.

☐  If you multiply or subtract by a negative - flip the sign.

☐  If you multiply or divide by a negative - flip the sign.

## Question 8

Use the positive numbers to represent elevations above sea level and negative numbers to represent elevations below sea level.  Mary's elevation is 6.5 meters at the beginning of a hiking trail.  After walking a few minutes, she has descended 12.2 meters.  Which of the following represents her new elevation?



☐  -18.7

☐  -6.3

☐  5.7

☐  -5.7

**Question 9**                                                          /1

Two marbles are randomly drawn from a bag
containing 3 purple, 1 blue, and 1 yellow marble.

The first marble is blue and is not replaced. Find the
probability of drawing a second marble that is purple.

☐  3/5

☐  3/20

☐  3/4

☐  2/5

**Question 10**                                                         /1

Matt has answered 20/25 of the questions on a test.

What percentage of the test questions has Matt answered?

☐  20%

☐  90%

☐  45%

☐  80%