

MATH MADNESS # 50

1. Which mixed number is equivalent to 1.4?

a. $1\frac{4}{100}$
 b. $1\frac{14}{100}$
 c. $1\frac{1}{4}$
d. $1\frac{2}{5}$

5. Nick's mother asked him to pour 4 liters of water into a fish tank. The container he will use holds 500 milliliters. How many times will Nick need to fill his container to complete this task?

a. 4
b. 8
 c. 12
 d. 16

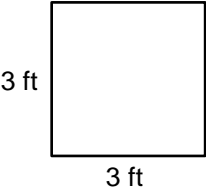
Helpful Hint: 1 L = 1,000 mL

2. Which of the following statements is **not** true?

a. The sum of two even numbers is always even.
 b. An even number has two as a factor.
 c. All even numbers are divisible by two.
d. The sum of two odd numbers is always odd.

6. Which expression could be used to find the perimeter of this square?

a. $3 + 3$
 b. 3×3
 c. $3 + 4$
d. 3×4



3. Mrs. McAteer bought 175 pencils. She wants to put the pencils in pencil boxes. How many boxes does she need to buy if each box holds 40 pencils?

a. 3
 b. 4
c. 5
 d. 6

7. This stem-and-leaf shows the results of a recent math test.

How many students earned a B?

Grading	
A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Math Test Scores	
Stem	Leaf
6	0, 9
7	1, 1, 4, 5
8	0, 2, 6, 8
9	4, 4, 4, 4, 5, 8

a. 2
 b. 3
c. 4
 d. 5

Key
6 0 means 60

4. Oranges are currently on sale at the Eat Smart Grocery Store for \$0.49 each. How much will 12 oranges cost?

a. \$5.78
b. \$5.88
 c. \$57.80
 d. \$58.80

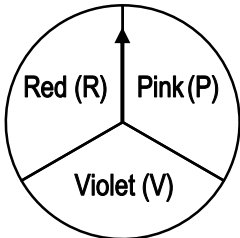
8. Which equation can be used to help solve the question below?

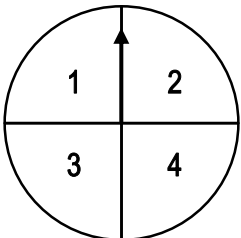
How many marbles are in a jar if the number of marbles plus 6 equals 63?

a. $x + 6 = 63$
 b. $6 - x = 63$
 c. $63 \div x = 6$
 d. $x - 6 = 63$

9 & 10 (2 points) Short Answer / Extended Response

Robin is playing a game with these spinners. Robin will spin the arrow on each spinner one time. How many outcomes are possible? Draw a diagram to show all the possible outcomes.





There are 12 possible combinations.

