

**TAKS Math Practice Work Sheet 3.....Grade: 6**

**Name:**

**Date:**

**Q1:** Express the decimal as a fraction in its simplest form:

0.4

- 2/5
- 1/4
- 1/2
- 1/5

**Q2:** A number from 11 to 24 is drawn at random. What is the probability that 18 is drawn. (Write your answer as a fraction)

- 1/7
- 1/14
- 11/14
- 18/14

**Q3:** Find the product:

$$\begin{array}{r} 33 \\ \times 3 \\ \hline \end{array}$$

- 99
- 66
- 96
- 69

**Q4:** There are 6 red, 5 yellow and 9 green marbles in a jar. You pick 2 marbles from the jar. Marbles are not returned to the jar once picked. What is the probability that 2 green marbles are picked.

- 9/20
- 8/9

81/400

18/95

**Q5: Solve the following algebraic equation :  $-3x = -84$**

$x = ?$

28

-28

18

81

**Q6: Solve the following equation and find the value of z:**

$$\frac{5}{14} = \frac{z}{2}$$

$\frac{7}{5}$

$\frac{5}{7}$

2

$\frac{1}{2}$

**Q7:** 9.76

- 7.23

\_\_\_\_\_

1.53

1.43

2.53

2.43

**Q8: Write the following in Decimal form:**

47/100

- 47
- 4.7
- 0.47
- 0.047

**Q9:** A number from 15 to 25 is drawn at random. What is the probability that a number less than 20 is drawn. (Write your answer as a fraction)

- 1/11
- 5/11
- 6/11
- 9/11

**Q10:** Boat A leaves Point 1 for Point 2 travelling at 52 mph. At the same time Boat B leaves from Point 2 to Point 1 at 74 mph. Assume the distance from Point 1 to Point 2 is 882 miles. How long it will take them to meet (give your answer in hours).

- 3
- 4
- 6
- 7

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