

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Probability of Numbers Worksheet

A number is chosen at random from 1 to 10.

Problems

Work Space

Find the probability of selecting a multiple of 2.

Answer: \_\_\_\_\_

Find the probability of selecting a multiple of 3.

Answer: \_\_\_\_\_

Find the probability of selecting a number that is neither a multiple of 2 nor a multiple of 3.

Answer: \_\_\_\_\_

Find the probability of selecting a number that is a factor of 4 and a factor of 10.

Answer: \_\_\_\_\_

Find the probability of selecting a prime number.

Answer: \_\_\_\_\_

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Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

Answer key

Probability of Numbers Worksheet

Find the probability of selecting a multiple of 2.

Answer:  $\frac{1}{2}$

Find the probability of selecting a multiple of 3.

Answer:  $\frac{3}{10}$

Find the probability of selecting a number that is neither a multiple of 2 nor a multiple of 3.

Answer:  $\frac{3}{10}$

Find the probability of selecting a number that is a multiple of 4 and a multiple of 5.

Answer:  $\frac{1}{5}$

Find the probability of selecting a number that is a multiple of 2 and a multiple of 3.

Answer:  $\frac{1}{2}$

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