

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Probability with Numbers

Use the stated equally likely outcomes. Give each probability as a simplified fraction.

1. Choose one integer at random from 1 through 25.

What is the probability of value < 9 ?

6. Choose one integer at random from 1 through 10.

What is the probability of value: odd or value is a multiple of 2?

2. Choose one integer at random from 1 through 10.

What is the probability of ones digit: value = 5?

7. Choose one integer at random from 1 through 50.

What is the probability of $2 \leq \text{value} \leq 38$?

3. Choose one integer at random from 1 through 10.

What is the probability of value: odd?

8. Choose one integer at random from 1 through 25.

What is the probability of value divides 25 and value: even?

4. Choose one integer at random from 1 through 50.

What is the probability of value is a multiple of 5?

9. Choose one integer at random from 1 through 50.

What is the probability of not (value is a multiple of 5 or value is a multiple of 2)?

5. Choose one integer at random from 1 through 10.

What is the probability of value divides 10?

10. Choose one integer at random from 1 through 25.

What is the probability of value: prime?
