Math Practice - Grade 7

M10 Probability - Likelihood from 0 to 1

M10 7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c

Name: _____ Date: _____

Find the probability, or name how likely the event is.

Example: An event has probability 0.05. How likely is it?

How: Probability is the number of favorable outcomes divided by the total number of outcomes. A probability near 0 is unlikely, near 1/2 is an even chance, and near 1 is likely.

Impossible | Unlikely | Even chance | Likely | Certain

1 **An event has probability 0.75. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

2 **An event has probability 0.95. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

3 **A coin is tossed. What is the probability of heads?**

P = ___/___

4 **A bag has 5 red marbles and 6 blue marbles. What is the probability of picking a red marble?**

P = ___/___

5 **A number cube is rolled. What is the probability of rolling a number greater than 4?**

P = ___/___

6 **A number cube is rolled. What is the probability of rolling an even number?**

P = ___/___

7 **An event has probability 0. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

8 **A bag has 1 red marbles and 3 blue marbles. What is the probability of picking a red marble?**

P = ___/___

9 **An event has probability 0.25. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

10 **A spinner has 7 equal sections. 3 are red. What is the probability of landing on red?**

P = ___/___

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Name: _____ Date: _____

Find the probability, or name how likely the event is.

Example: An event has probability 0.25. How likely is it?

How: Probability is the number of favorable outcomes divided by the total number of outcomes. A probability near 0 is unlikely, near 1/2 is an even chance, and near 1 is likely.

Impossible | Unlikely | Even chance | Likely | Certain

1 **An event has probability 0.75. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

2 **An event has probability 0.5. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

3 **An event has probability 0.05. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

4 **A spinner has 8 equal sections. 6 are red. What is the probability of landing on red?**

P = ___/___

5 **A coin is tossed. What is the probability of heads?**

P = ___/___

6 **A number cube is rolled. What is the probability of rolling a number greater than 4?**

P = ___/___

7 **An event has probability 0. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

8 **A number cube is rolled. What is the probability of rolling an even number?**

P = ___/___

9 **An event has probability 0.95. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

10 **A spinner has 5 equal sections. 1 are red. What is the probability of landing on red?**

P = ___/___

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Name: _____ Date: _____

Find the probability, or name how likely the event is.

Example: A number cube is rolled. What is the probability of rolling a number greater than 4?

How: Probability is the number of favorable outcomes divided by the total number of outcomes. A probability near 0 is unlikely, near 1/2 is an even chance, and near 1 is likely.

$P = \frac{1}{3}$

1 **A number cube is rolled. What is the probability of rolling an even number?**

$P = \frac{\quad}{\quad}$

2 **A coin is tossed. What is the probability of heads?**

$P = \frac{\quad}{\quad}$

3 **An event has probability 0.05. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

4 **An event has probability 0.25. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

5 **A spinner has 8 equal sections. 6 are red. What is the probability of landing on red?**

$P = \frac{\quad}{\quad}$

6 **A bag has 3 red marbles and 6 blue marbles. What is the probability of picking a red marble?**

$P = \frac{\quad}{\quad}$

7 **An event has probability 0.95. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

8 **An event has probability 0.5. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

9 **An event has probability 1. How likely is it?**

Impossible | Unlikely | Even chance | Likely | Certain

10 **A spinner has 7 equal sections. 4 are red. What is the probability of landing on red?**

$P = \frac{\quad}{\quad}$