Math Practice - Grade 7

M10 Probability

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: _____

Give the likelihood as a number from 0 to 1. Compare the experimental and the theoretical probability. Build a probability model. Find the probability of a compound event.

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

Impossible	Unlikely
Even chance	Likely
Certain	

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2 **A number cube is rolled 200 times. About how many times will an even number come up?**

About ☐

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3 **A paper cup was tossed 20 times. It landed open end down 14 times. About what is the probability it lands open end down?**

$$P = \frac{\square}{\square}$$

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M10 Probability

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: _____

Give the likelihood as a number from 0 to 1. Compare the experimental and the theoretical probability. Build a probability model. Find the probability of a compound event.

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

$$P = \frac{\square}{\square}$$

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2 **A number cube is rolled 120 times. About how many times will a 3 or a 6 come up?**

About $\square$

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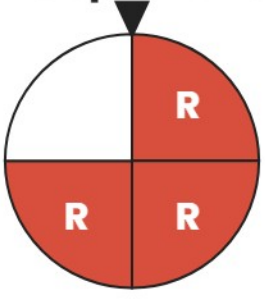
3 **What is the probability the spinner lands on red?**



$\frac{\square}{\square}$

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M10 Probability

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: _____

Give the likelihood as a number from 0 to 1. Compare the experimental and the theoretical probability. Build a probability model. Find the probability of a compound event.

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

Impossible	Unlikely
Even chance	Likely
Certain	

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2 **A number cube is rolled 200 times. About how many times will an even number come up?**

About ☐

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3 **A paper cup was tossed 20 times. It landed open end down 12 times. About what is the probability it lands open end down?**

$$P = \frac{\square}{\square}$$