

Grade 4 Math Check-In






Name: _____

Date: _____


1

Ms. Miller's class records the weather for 18 days and displays the information in a pictograph. The number in the key is missing.

Weather

Type	Number of days
Rainy	 
Cloudy	
Sunny	 

Key

Each  represents _____ days.

What is the missing number in the key?

- 1
- 2
- 4
- 5

2

Hina and Sarah create these two games.

Number cube game

The number cube has the numbers 1, 2, 3, 4, 5 and 6.

Hina wins if an even number is rolled. Sarah wins if an odd number is rolled.



Is this game fair?

Circle one:

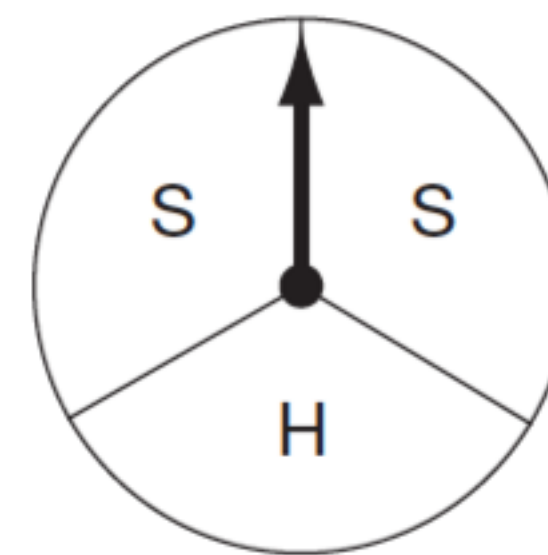
Yes

No

Justify your answer.

Spinner game

The spinner has the letters S and H. Hina wins if the arrow lands on H. Sarah wins if the arrow lands on S.



Is this game fair?

Circle one:

Yes

No

Justify your answer.

Grade 5 Math Check-In

Name: _____

Date: _____

1

This table shows the number of marbles in a bag by colour.

Bag of Marbles

Colour	Number of marbles
Blue	1
Green	3
Red	2
Yellow	4

One marble is randomly selected from the bag.

What is the probability of **not** selecting a yellow marble?

- 0.2
- 0.3
- 0.4
- 0.6

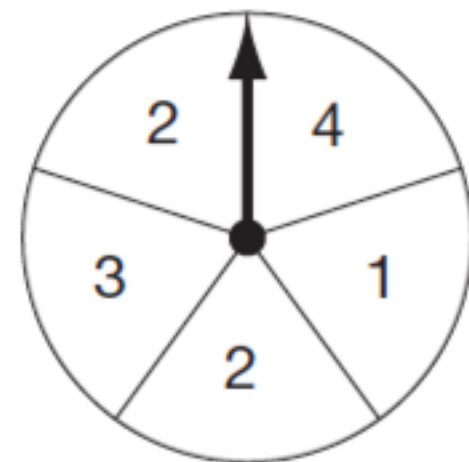
2

Which of these experiments has an outcome with a greater theoretical probability than the others?

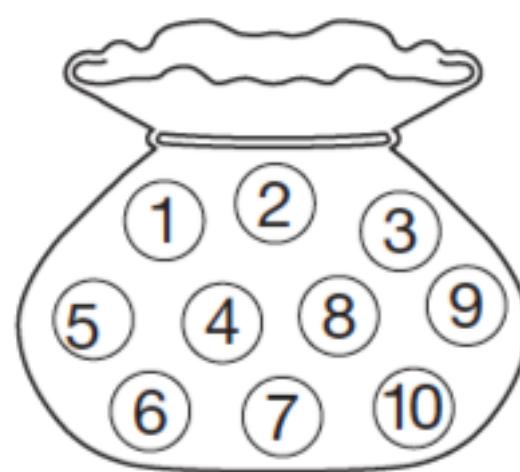
Experiment A: Rolling a 4 or greater on a number cube labelled 1, 2, 3, 4, 5, 6.



Experiment B: Spinning the arrow on this spinner and the arrow landing on an even number.



Experiment C: Selecting a marble from this bag that has an odd number written on it.



Justify your answer. Include the theoretical probabilities for all three experiments.

Experiment _____ has an outcome with a greater probability than the others.