Name: _____ Date: _____

Compare outcomes on a number cube or cards

Write the answer in the box. Some answers have a pick list.



1 Roll a fair number cube. Is rolling a number less than 5 more or less likely than rolling 5 or 6?

💡 Hint: Write down the numbers that fit each event, then count them.

- ◯ More likely
- ◯ Less likely

More likely

2 Roll a fair number cube. Is rolling a number greater than 3 equally likely as rolling a number less than 4?

💡 Hint: Write down the numbers that fit each event, then count them.

Yes

3 Cards show 1, 2, 3, 4, and 5. Is picking a number greater than 3 more or less likely than picking a number less than 4?

💡 Hint: Write down the numbers that fit each event, then count them.

- ◯ Less likely
- ◯ More likely

Less likely

4 Roll a fair number cube. Which is more likely: rolling 1 or rolling an even number?

💡 Hint: Write down the numbers that fit each event, then count them.

- ◯ An even number
- ◯ Rolling 1

An even number

5 Cards show 1, 2, 3, and 4, one number on each card. Is picking an even number equally likely as picking an odd number?

💡 Hint: Write down the numbers that fit each event, then count them.

Yes

6 A fair number cube is rolled. Which is more likely: a number less than 3 or a number greater than 2?

💡 Hint: Write down the numbers that fit each event, then count them.

- ◯ A number less than 3
- ◯ A number greater than 2

A number greater than 2

7 A spinner has 4 equal sections numbered 1 to 4. Is spinning a number less than 3 equally likely as spinning a number greater than 2?

💡 Hint: Write down the numbers that fit each event, then count them.

Yes