Name: _____ Date: _____

Certain or impossible

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



1 The same bag has 4 red counters and no blue counters. Is picking blue certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Impossible
- ◯ Certain

Impossible

2 A bag has 4 red counters and no blue counters. Is picking red certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Certain
- ◯ Impossible

Certain

3 A bag contains 6 yellow counters. Is picking yellow certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Certain
- ◯ Impossible

Certain

4 A box has only 5 pencils. Is picking a pencil certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Certain
- ◯ Impossible

Certain

5 A box has only 5 pencils. Is picking a ruler certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Impossible
- ◯ Certain

Impossible

6 Roll a fair number cube. Is rolling a number from 1 to 6 certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Certain
- ◯ Impossible

Certain

7 Roll a fair number cube. Is rolling a number less than 7 certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Impossible
- ◯ Certain

Certain

8 Roll a fair number cube. Is rolling 8 certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Certain
- ◯ Impossible

Impossible

9 A bag contains 6 yellow counters. Is picking green certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Impossible
- ◯ Certain

Impossible

10 Roll a fair number cube. Is rolling 0 certain or impossible?

💡 Hint: Are ALL of them like that (certain), or NONE of them (impossible)?

- ◯ Impossible
- ◯ Certain

Impossible