

11-2 Standardized Test Prep

Probability

Gridded Response

For Exercises 1–3, find each theoretical probability based on one roll of two number cubes. Enter each answer in the grid as a whole percent.

1. $P(\text{sum } 9)$
2. $P(\text{one even, one odd})$
3. $P(\text{sum} > 12)$

For Exercises 4–5, find each theoretical probability based on one marble drawn at random from a bag of 14 red marbles, 10 pink marbles, 18 blue marbles, and 6 gold marbles. Enter each answer in the grid as a fraction in simplest form.

4. $P(\text{not pink})$
5. $P(\text{blue or gold})$

Answers

1.

2.

3.

4.

5.