

Name _____



Date _____

Probability

Enter answers
in text boxes.

Find the probability.

1. You roll a number cube numbered from 1 to 6. P(a number greater than 4) Express the probability as a fraction.	2. A jar contains 6 red, 12 violet, 25 white, and 24 brown marbles. A marble is drawn at random. P(violet) Express the probability as a decimal. Round to the nearest hundredth.
3. You roll a number cube numbered from 1 to 6. P(a number divisible by 3) Express the probability as a percent. Round to the nearest percent.	4. A number from 14 to 25 is drawn at random. P(a prime number) Express the probability as a percent. Round to the nearest percent.
5. A number from 19 to 27 is drawn at random. P(an odd number) Express the probability as a decimal. Round to the nearest hundredth.	6. A jar contains 15 white, 24 black, and 4 purple marbles. A marble is drawn at random. P(purple or black) Express the probability as a fraction.
7. You roll a number cube numbered from 1 to 6. P(4) Express the probability as a fraction.	8. A jar contains 10 yellow and 8 blue marbles. A marble is drawn at random. P(not yellow) Express the probability as a percent. Round to the nearest percent.
9. You roll a number cube numbered from 1 to 6. P(6, 2, 1, or 3) Express the probability as a decimal. Round to the nearest hundredth.	10. A number from 14 to 20 is drawn at random. P(not a 17) Express the probability as a decimal. Round to the nearest hundredth.
11. You roll a number cube numbered from 1 to 6. P(an odd number) Express the probability as a percent. Round to the nearest percent.	12. A jar contains 16 yellow and 22 blue marbles. A marble is drawn at random. P(not yellow) Express the probability as a fraction.
13. A jar contains 19 brown, 11 white, 12 pink, and 21 black marbles. A marble is drawn at random. P(white, black, or pink) Express the probability as a percent. Round to the nearest percent.	14. You roll a number cube numbered from 1 to 6. P(a number divisible by 3) Express the probability as a fraction.