

Name _____



Date _____

Probability

Find the probability.

1. You roll a number cube numbered from 1 to 6. P(not a 3) Express the probability as a fraction.	2. A jar contains 17 white and 26 blue marbles. A marble is drawn at random. P(white) Express the probability as a percent. Round to the nearest percent.
3. A number from 13 to 24 is drawn at random. P(a composite number) Express the probability as a decimal. Round to the nearest hundredth.	4. A jar contains 8 purple and 9 red marbles. A marble is drawn at random. P(not purple) Express the probability as a decimal. Round to the nearest hundredth.
5. A jar contains 14 blue, 8 white, 8 green, and 17 black marbles. A marble is drawn at random. P(green, white, or blue) Express the probability as a percent. Round to the nearest percent.	6. You roll a number cube numbered from 1 to 6. P(a number divisible by 4) Express the probability as a fraction.
7. A number from 19 to 31 is drawn at random. P(22) Express the probability as a percent. Round to the nearest percent.	8. You roll a number cube numbered from 1 to 6. P(a number less than 5) Express the probability as a decimal. Round to the nearest hundredth.
9. A number from 12 to 19 is drawn at random. P(16, 14, 13, 15, or 12) Express the probability as a fraction.	10. A jar contains 13 brown and 16 gray marbles. A marble is drawn at random. P(brown) Express the probability as a fraction.
11. You roll a number cube numbered from 1 to 6. P(an odd number) Express the probability as a decimal. Round to the nearest hundredth.	12. You roll a number cube numbered from 1 to 6. P(a composite number) Express the probability as a percent. Round to the nearest percent.
13. A jar contains 10 blue and 23 green marbles. A marble is drawn at random. P(green) Express the probability as a percent. Round to the nearest percent.	14. A jar contains 16 purple, 4 black, and 11 brown marbles. A marble is drawn at random. P(not black) Express the probability as a fraction.