Name: Date: Score: / 10

Simple Probability

Chance as a fraction. Worksheet 1 of 50

Write each probability as a fraction in simplest form.

1. A bag has 4 red, 6 blue and 2 green marbles. P(blue) = _____
2. A bag has 3 red, 1 blue and 6 green marbles. P(blue) = _____
3. A bag has 6 red, 2 blue and 3 green marbles. P(red or blue) = _____
4. A bag has 7 red, 6 blue and 6 green marbles. P(red or blue) = _____
5. A bag has 7 red, 7 blue and 2 green marbles. P(red or blue) = _____
6. A bag has 5 red, 7 blue and 3 green marbles. P(blue) = _____
7. A bag has 1 red, 8 blue and 2 green marbles. P(red or blue) = _____
8. A bag has 1 red, 7 blue and 5 green marbles. P(red or blue) = _____
9. A bag has 4 red, 1 blue and 6 green marbles. P(blue) = _____
10. A bag has 7 red, 2 blue and 6 green marbles. P(red) = _____

ANSWER KEY

Simple Probability (answers)

Chance as a fraction. Worksheet 1 of 50

Write each probability as a fraction in simplest form.

1. A bag has 4 red, 6 blue and 2 green marbles. P(blue) = $\frac{1}{2}$
2. A bag has 3 red, 1 blue and 6 green marbles. P(blue) = $\frac{1}{10}$
3. A bag has 6 red, 2 blue and 3 green marbles. P(red or blue) = $\frac{8}{11}$
4. A bag has 7 red, 6 blue and 6 green marbles. P(red or blue) = $\frac{13}{19}$
5. A bag has 7 red, 7 blue and 2 green marbles. P(red or blue) = $\frac{7}{8}$
6. A bag has 5 red, 7 blue and 3 green marbles. P(blue) = $\frac{7}{15}$
7. A bag has 1 red, 8 blue and 2 green marbles. P(red or blue) = $\frac{9}{11}$
8. A bag has 1 red, 7 blue and 5 green marbles. P(red or blue) = $\frac{8}{13}$
9. A bag has 4 red, 1 blue and 6 green marbles. P(blue) = $\frac{1}{11}$
10. A bag has 7 red, 2 blue and 6 green marbles. P(red) = $\frac{7}{15}$