

Probability basics

Probability – grade 7–8

Name: _____ Date: _____ Score: _____

1. A bag has 10 marbles, 8 are red. $P(\text{red})$?

Answer: _____

2. A bag has 12 marbles, 5 are red. $P(\text{red})$?

Answer: _____

3. A bag has 12 marbles, 4 are red. $P(\text{red})$?

Answer: _____

4. A bag has 12 marbles, 1 are red. $P(\text{red})$?

Answer: _____

5. A bag has 12 marbles, 11 are red. $P(\text{red})$?

Answer: _____

6. A bag has 10 marbles, 4 are red. $P(\text{red})$?

Answer: _____

7. A bag has 8 marbles, 1 are red. $P(\text{red})$?

Answer: _____

8. A bag has 10 marbles, 5 are red. $P(\text{red})$?

Answer: _____

9. A bag has 10 marbles, 3 are red. $P(\text{red})$?

Answer: _____

10. A bag has 20 marbles, 10 are red. $P(\text{red})$?

Answer: _____

11. A bag has 6 marbles, 2 are red. $P(\text{red})$?

Answer: _____

12. A bag has 20 marbles, 9 are red. $P(\text{red})$?

Answer: _____

13. A bag has 20 marbles, 1 are red. $P(\text{red})$?

Answer: _____

14. A bag has 12 marbles, 8 are red. $P(\text{red})$?

Answer: _____

Probability basics - Answer key

Probability - grade 7-8

Name: _____ Date: _____ Score: _____

1. A bag has 10 marbles, 8 are red. $P(\text{red})$?

$\frac{4}{5}$

2. A bag has 12 marbles, 5 are red. $P(\text{red})$?

$\frac{5}{12}$

3. A bag has 12 marbles, 4 are red. $P(\text{red})$?

$\frac{1}{3}$

4. A bag has 12 marbles, 1 are red. $P(\text{red})$?

$\frac{1}{12}$

5. A bag has 12 marbles, 11 are red. $P(\text{red})$?

$\frac{11}{12}$

6. A bag has 10 marbles, 4 are red. $P(\text{red})$?

$\frac{2}{5}$

7. A bag has 8 marbles, 1 are red. $P(\text{red})$?

$\frac{1}{8}$

8. A bag has 10 marbles, 5 are red. $P(\text{red})$?

$\frac{1}{2}$

9. A bag has 10 marbles, 3 are red. $P(\text{red})$?

$\frac{3}{10}$

10. A bag has 20 marbles, 10 are red. $P(\text{red})$?

$\frac{1}{2}$

11. A bag has 6 marbles, 2 are red. $P(\text{red})$?

$\frac{1}{3}$

12. A bag has 20 marbles, 9 are red. $P(\text{red})$?

$\frac{9}{20}$

13. A bag has 20 marbles, 1 are red. $P(\text{red})$?

$\frac{1}{20}$

14. A bag has 12 marbles, 8 are red. $P(\text{red})$?

$\frac{2}{3}$