

Word problems — Probability

Name: _____

Date: _____

Read each problem. Write the answer.

- 1 A bag holds 8 blue and 2 green marbles. One is taken out without looking.
What is the probability it is blue? Write your answer in simplest form. ____

- 2 A bag contains 2 yellow and 6 blue cubes. One cube is drawn at random.
What is the probability of NOT getting a yellow cube? Write your answer in simplest form. ____

- 3 A bag has 2 blue counters and 10 yellow counters. One counter is picked at random.
What is the probability that it is not blue? Give your answer in simplest form. ____

- 4 A tin contains 7 red and 3 blue buttons. One button is picked at random.
What is the probability of getting a red button? Write your answer in simplest form.



Word problems · Probability — Answer key

1. 8 out of 10 = $\frac{4}{5}$

2. not yellow: 6 out of 8 =
 $\frac{3}{4}$

3. not blue: 10 out of 12 =
 $\frac{5}{6}$

4. 7 out of 10 = $\frac{7}{10}$