

Arithmetic — Word problems

Name: _____

Date: _____

Read each problem. Write the answer.

- 1 Two turns are taken with one coin.

What is the probability of getting heads both times? Give your answer in simplest form.

$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

- 2 A box holds 4 blue counters and 7 red counters. One is taken out and NOT put back, then another is taken.

What is the probability that both are blue? Give your answer in simplest form. ____

- 3 A jar holds 6 yellow marbles and 6 blue marbles. One is taken out and NOT put back, then another is taken.

What is the probability that both are yellow? Give your answer in simplest form. ____

- 4 A game uses a number cube and a spinner with 5 equal sections, each used once.

What is the probability of getting a number above 4 and the blue section? Give your answer in simplest form. ____



Word problems — Answer key

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

2. $\frac{4}{11} \times \frac{3}{10} = \frac{6}{55}$

3. $\frac{6}{12} \times \frac{5}{11} = \frac{5}{22}$

4. $\frac{2}{6} \times \frac{1}{5} = \frac{1}{15}$