

Practice

Probability

State the odds of an event occurring, given the probability of the event.

1. $\frac{4}{11}$

2. $\frac{2}{3}$

3. $\frac{5}{99}$

4. $\frac{1}{1000}$

5. $\frac{5}{16}$

6. $\frac{3}{95}$

State the probability of an event occurring, given the odds of the event.

7. $\frac{2}{23}$

8. $\frac{3}{5}$

9. $\frac{4}{1}$

10. $\frac{9}{7}$

11. $\frac{11}{14}$

12. $\frac{1000}{1}$

One bag of candy gummy fish contains 15 red gummy fish, 10 yellow gummy fish, and 6 green gummy fish. Find the probability of each selection.

1. picking a red gummy fish

2. not picking a yellow gummy fish

3. picking a green gummy fish

4. not picking a red gummy fish

Solve.

5. In a bag there are 5 math questions and 4 science questions. Ardie picks a question from the bag. What are the odds of not picking a science question?

6. What are the odds that a person chosen at random got a passing grade on an algebra test if the scores were 3 A's, 4 B's, 10 C's, 2 D's, and 2 F's?