Lesson 13.3 Practice: Probability of Simple Events

School Launch · Pre-Algebra · Unit 13: Data and Probability · Worksheet A

No calculator

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. A bag has 5 red, 9 green and 4 yellow marbles. Find $P(\text{not green})$. EASY

2. A bag has 6 red, 8 green and 4 yellow marbles. Find $P(\text{not green})$. EASY

3. A bag has 9 red, 2 green and 4 yellow marbles. Find $P(\text{not green})$. EASY

4. A bag has 2 red, 2 green and 5 yellow marbles. Find $P(\text{not green})$. MEDIUM

5. A bag has 7 red, 3 green and 3 yellow marbles. Find $P(\text{not green})$. MEDIUM

6. A bag has 8 red, 3 green and 8 yellow marbles. Find $P(\text{not green})$. MEDIUM

7. A bag has 6 red, 2 green and 1 yellow marbles. Find $P(\text{not green})$. MEDIUM

8. A bag has 3 red, 8 green and 3 yellow marbles. Find $P(\text{not green})$. HARD

9. A bag has 6 red, 4 green and 3 yellow marbles. Find $P(\text{not green})$. HARD

10. A bag has 4 red, 1 green and 3 yellow marbles. Find $P(\text{not green})$. HARD