

Probability — 12 counters

Name: _____

Date: _____

Each bag holds these counters. Write each $P(\text{not } \dots)$ in simplest form.

1 5 red, 7 blue $P(\text{not red})$ _____

2 3 red, 4 blue, 5 green $P(\text{not red})$ _____

3 4 red, 8 blue $P(\text{not blue})$ _____

4 5 red, 2 blue, 5 green $P(\text{not blue})$ _____

5 3 red, 5 blue, 4 green $P(\text{not green})$ _____

6 5 red, 4 blue, 3 green $P(\text{not blue})$ _____

7 6 red, 2 blue, 4 green $P(\text{not green})$ _____

8 2 red, 8 blue, 2 green $P(\text{not red})$ _____

9 2 red, 3 blue, 7 green $P(\text{not red})$ _____

10 3 red, 2 blue, 7 green $P(\text{not red})$ _____



Probability · 12 counters — Answer key

1. 5 red, 7 blue → $P(\text{not red}) = 7/12$

2. 3 red, 4 blue, 5 green → $P(\text{not red}) = 3/4$

3. 4 red, 8 blue → $P(\text{not blue}) = 1/3$

4. 5 red, 2 blue, 5 green → $P(\text{not blue}) = 5/6$

5. 3 red, 5 blue, 4 green → $P(\text{not green}) = 2/3$

6. 5 red, 4 blue, 3 green → $P(\text{not blue}) = 2/3$

7. 6 red, 2 blue, 4 green → $P(\text{not green}) = 2/3$

8. 2 red, 8 blue, 2 green → $P(\text{not red}) = 5/6$

9. 2 red, 3 blue, 7 green → $P(\text{not red}) = 5/6$

10. 3 red, 2 blue, 7 green → $P(\text{not red}) = 3/4$