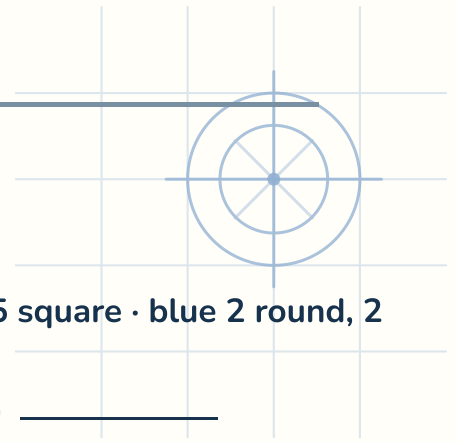


Probability — P(and) and P(or)

Name: _____

Date: _____

Each counter has a color and a shape. Write each probability.



- 1 red 2 round, 2 square · blue 2 round, 6 square

P(blue or square) **5/6**

$$2 + 2 + 2 + 6 = 12$$

$$2 + 2 + 6 = 10$$

$$10/12 = 5/6$$

- 2 red 3 round, 5 square · blue 2 round, 2 square

P(red and round) _____

- 3 red 4 round, 2 square · blue 3 round, 3 square

P(red or round) _____

- 4 red 3 round, 4 square · blue 2 round, 3 square

P(blue and square) _____

- 5 red 3 round, 4 square · blue 3 round, 2 square

P(red or round) _____

- 6 red 2 round, 2 square · blue 2 round, 6 square

P(red and round) _____



Probability — P(and) and P(or)

Name: _____

Date: _____

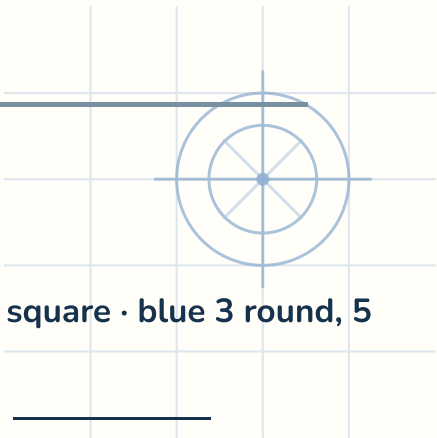
Each counter has a color and a shape. Write each probability.

7 red 3 round, 5 square · blue 2 round, 2 square

P(blue and square) _____

8 red 2 round, 2 square · blue 3 round, 5 square

P(blue or square) _____



Probability · P(and) and P(or) — Answer key

1. red 2 round, 2 square · blue 2 round, 6 square → P(blue or square) = 5/6	2. red 3 round, 5 square · blue 2 round, 2 square → P(red and round) = 1/4	3. red 4 round, 2 square · blue 3 round, 3 square → P(red or round) = 3/4	4. red 3 round, 4 square · blue 2 round, 3 square → P(blue and square) = 1/4
5. red 3 round, 4 square · blue 3 round, 2 square → P(red or round) = 5/6	6. red 2 round, 2 square · blue 2 round, 6 square → P(red and round) = 1/6	7. red 3 round, 5 square · blue 2 round, 2 square → P(blue and square) = 1/6	8. red 2 round, 2 square · blue 3 round, 5 square → P(blue or square) = 5/6

