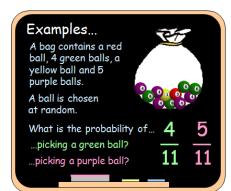
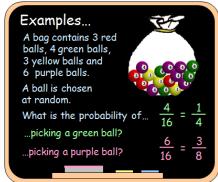
Outcome 3 - Choosing at Random

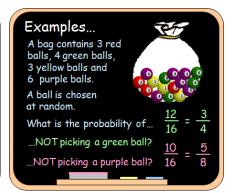
Bronze examples



Silver examples



Gold examples



Bronze Questions

A bag contains a green counter, 5 red counters, a yellow counter and 2 blue counters. A counter is chosen at random. What is the probability of choosing...

- 🔔 a green counter?
- a red counter?
- a yellow counter?
- a blue counter?
- a purple counter?

A bag contains 3 purple tokens, 5 red tokens, a blue token and 5 green tokens. A token is chosen at random. What is the probability of choosing...

- a purple token?
- 🌊 a red token?
- a blue token?
- a green token?



Silver Questions

A bag contains 4 green counters, a red counter, 3 yellow counters and 2 blue counters. A counter is chosen at random. What is the probability of choosing...



- 🔔 a green counter?
 - a yellow counter? 🔬 a
 - 🔬 a blue counter?

a red counter?

a purple counter?

A bag contains 5 purple tokens, 4 red tokens, 6 blue tokens and 5 green tokens. A token is chosen at random. What is the probability of choosing...

- 🛕 a purple token?
- a red token?
- 🙎 a blue token?
- a green token?



a yellow token?

Gold Questions

A bag contains 4 green counters, a red counter, 3 yellow counters and 2 blue counters. A counter is chosen at random. What is the probability of **NOT** choosing...

- 1
- a green counter?
- 🚄 ar

a red counter?



a yellow counter?



a blue counter?



a purple counter?

A bag contains 5 purple tokens, 4 red tokens, 6 blue tokens and 5 green tokens. A token is chosen at random. What is the probability of **NOT** choosing...



a purple token?



a red token?



a blue token?



a green token?



a yellow token?



Bronze Answers

 1.
 1/9
 2.
 5/9

 3.
 1/9
 4.
 2/9

 5.
 0
 6.
 3/14

 7.
 5/14
 8.
 1/14

 9.
 5/14
 10.
 0

Silver Answers

1. 4/10 = 2/5 2. 1/10 3. 3/10 4. 2/10 = 1/5 5. 0 6. 5/20 = 1/4 7. 4/20 = 1/5 8. 6/20 = 3/10 9. 5/20 = 1/4 10. 0

Gold Answers

1. 3/5 2. 9/10 3. 7/10 4. 4/5 5. 1 6. 3/4 7. 4/5 8. 7/10 9. 3/4 10. 1