

Q3 (Probability) Day 88

Name: _____

1. John has **10 socks** in a drawer. **5 socks are black, 2 socks are red and the rest are white.** He **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: John picks a **black or red** sock
- Outcome B: John picks a **green** sock
- Outcome C: John picks a **white** sock
- Outcome D: John picks a **red** sock
- Outcome E: John picks a **black** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ A _____
(Impossible) (Most Likely)

2. Ruth has **20 socks** in a drawer. **4 socks are black, 9 socks are red and the rest are white.** She **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Ruth picks a **pink** sock
- Outcome B: Ruth picks a **red** sock
- Outcome C: Ruth picks a **black** sock
- Outcome D: Ruth picks a **white** sock
- Outcome E: Ruth picks a **black or white** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

A _____
(Impossible) (Most Likely)

3. Grace has **24 socks** in a drawer. **2** socks are **black**, **9** socks are **red** and **the rest are white**. She **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Grace picks a **red** sock
- Outcome B: Grace picks a **black** sock
- Outcome C: Grace picks a **white** sock
- Outcome D: Grace picks a **red or black** sock
- Outcome E: Grace picks a **purple** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ A _____
(Impossible) (Most Likely)

4. Sam has **28 socks** in a drawer. **9** socks are **black**, **8** socks are **red** and **the rest are white**. He **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Sam picks a **red** sock
- Outcome B: Sam picks an **orange** sock
- Outcome C: Sam picks a **white** sock
- Outcome D: Sam picks a **black or red** sock
- Outcome E: Sam picks a **black** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ A _____
(Impossible) (Most Likely)

5. Clare has **30 socks** in a drawer. **14** socks are **black**, **7** socks are **red** and **the rest are white**. She **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Clare picks a **red** sock
- Outcome B: Clare picks a **yellow** sock
- Outcome C: Clare picks a **white** sock
- Outcome D: Clare picks a **black** sock
- Outcome E: Clare picks a **red or white** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ **A** _____
(Impossible) (Most Likely)

6. Gemma has **34 socks** in a drawer. **5** socks are **black**, **16** socks are **red** and **the rest are white**. She **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Gemma picks a **pink** sock
- Outcome B: Gemma picks a **white** sock
- Outcome C: Gemma picks a **black** sock
- Outcome D: Gemma picks a **red** sock
- Outcome E: Gemma picks a **black or red** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ **A** _____
(Impossible) (Most Likely)

7. Derek has **36 socks** in a drawer. **12** socks are **black**, **11** socks are **red** and **the rest are white**. He **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Derek picks a **red or white** sock
- Outcome B: Derek picks a **yellow** sock
- Outcome C: Derek picks a **red** sock
- Outcome D: Derek picks a **white** sock
- Outcome E: Derek picks a **black** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ A _____
(Impossible) (Most Likely)

8. Isla has **40 socks** in a drawer. **19** socks are **black**, **11** socks are **red** and **the rest are white**. She **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Isla picks a **black** sock
- Outcome B: Isla picks a **white** sock
- Outcome C: Isla picks a **red or white** sock
- Outcome D: Isla picks a **red** sock
- Outcome E: Isla picks a **yellow** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ A _____
(Impossible) (Most Likely)

- Outcome A: Michael picks a **yellow** sock
- Outcome B: Michael picks a **black** sock
- Outcome C: Michael picks a **white** sock
- Outcome D: Michael picks a **black or red** sock
- Outcome E: Michael picks a **red** sock

A

(Impossible) _____ _____ _____ _____ (Most Likely)

- Outcome A: Toby picks a **white** sock
- Outcome B: Toby picks a **black or white** sock
- Outcome C: Toby picks a **red** sock
- Outcome D: Toby picks a **black** sock
- Outcome E: Toby picks a **pink** sock

_____ A _____
(Impossible) (Most Likely)

11. Aaron has **57 socks** in a drawer. **12** socks are **black**, **21** socks are **red** and **the rest are white**. He **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Aaron picks a **black** sock
- Outcome B: Aaron picks a **black or white** sock
- Outcome C: Aaron picks an **orange** sock
- Outcome D: Aaron picks a **red** sock
- Outcome E: Aaron picks a **white** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ **A** _____
(Impossible) (Most Likely)

12. Patrick has **65 socks** in a drawer. **33** socks are **black**, **14** socks are **red** and **the rest are white**. He **picks out a sock at random** from the drawer. Look at the **five outcomes** below.

- Outcome A: Patrick picks a **yellow** sock
- Outcome B: Patrick picks a **red** sock
- Outcome C: Patrick picks a **white** sock
- Outcome D: Patrick picks a **red or white** sock
- Outcome E: Patrick picks a **black** sock

Put the **five outcomes in order** from **impossible** to **most likely** by writing the correct **letter** in each of the spaces below. The outcome **A** has been written for you.

_____ **A** _____
(Impossible) (Most Likely)

Answers

- 1. BDCEA**
- 2. ACDBE**
- 3. EBADC**
- 4. BAECD**
- 5. BACDE**
- 6. ACBDE**
- 7. BCEDA**
- 8. EBDAC**
- 9. ABEDC**
- 10. ECADB**
- 11. CADEB**
- 12. ABCDE**