

Q3 (Probability) Day 156 Name: _____

1. Boxes A, B and C contain chocolates. There are 3 types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
3 Dark	4 Dark	7 Dark
9 Milk	6 Milk	3 Milk
2 White	4 White	4 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **dark** chocolate? Write **A**, **B** or **C** in the space below.

Box _____

2. Boxes A, B and C contain chocolates. There are 3 types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
4 Dark	3 Dark	6 Dark
8 Milk	4 Milk	5 Milk
7 White	12 White	8 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **milk** chocolate? Write **A**, **B** or **C** in the space below.

Box _____

3. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
10 Dark	5 Dark	4 Dark
5 Milk	2 Milk	2 Milk
5 White	3 White	4 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **white** chocolate? Write **A, B** or **C** in the space below.

Box _____

4. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
8 Dark	6 Dark	12 Dark
7 Milk	10 Milk	8 Milk
5 White	4 White	10 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **dark** chocolate? Write **A, B** or **C** in the space below.

Box _____

5. Boxes A, B and C contain chocolates. There are 3 types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
3 Dark	4 Dark	11 Dark
6 Milk	12 Milk	9 Milk
9 White	2 White	7 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **milk** chocolate? Write **A, B** or **C** in the space below.

Box _____

6. Boxes A, B and C contain chocolates. There are 3 types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
4 Dark	10 Dark	9 Dark
5 Milk	11 Milk	7 Milk
3 White	15 White	8 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **white** chocolate? Write **A, B** or **C** in the space below.

Box _____

7. **Boxes A, B and C** contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
6 Dark	12 Dark	20 Dark
8 Milk	10 Milk	13 Milk
6 White	8 White	7 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **dark** chocolate? Write **A, B** or **C** in the space below.

Box _____

8. **Boxes A, B and C** contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
7 Dark	4 Dark	7 Dark
15 Milk	12 Milk	17 Milk
8 White	14 White	6 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **milk** chocolate? Write **A, B** or **C** in the space below.

Box _____

9. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
14 Dark	15 Dark	18 Dark
10 Milk	9 Milk	10 Milk
16 White	6 White	12 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **white** chocolate? Write **A, B** or **C** in the space below.

Box _____

10. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
20 Dark	16 Dark	18 Dark
22 Milk	10 Milk	31 Milk
8 White	14 White	11 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **dark** chocolate? Write **A, B** or **C** in the space below.

Box _____

11. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
21 Dark	15 Dark	5 Dark
44 Milk	36 Milk	18 Milk
15 White	9 White	17 White

I choose a chocolate at random from each box. **From which box** am I **most likely** to choose a **milk** chocolate? Write **A, B** or **C** in the space below.

Box _____

12. Boxes A, B and C contain chocolates. There are **3** types of chocolate: **dark**, **milk** and **white**. The number of chocolates in each box is:

Box A	Box B	Box C
18 Dark	21 Dark	83 Dark
56 Milk	87 Milk	69 Milk
26 White	42 White	48 White

I choose a chocolate at random from each box. **From which box** am I **least likely** to choose a **white** chocolate? Write **A, B** or **C** in the space below.

Box _____

Answers

1. C
2. B
3. C
4. B
5. B
6. A
7. C
8. B
9. A
- 10.C
- 11.B
- 12.C