

Q1 (Volume) Day 123 Name: _____

1. A box is the shape of a **cuboid**. It measures **2cm** by **3cm** by **4cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **1cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

2. A box is the shape of a **cuboid**. It measures **3cm** by **2cm** by **5cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **1cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

3. A box is the shape of a **cuboid**. It measures **4cm** by **6cm** by **3cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **1cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

4. A box is the shape of a **cuboid**. It measures **4cm** by **6cm** by **8cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **2cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

5. A box is the shape of a **cuboid**. It measures **2cm** by **8cm** by **10cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **2cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

6. A box is the shape of a **cuboid**. It measures **6cm** by **10cm** by **12cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **2cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

7. A box is the shape of a **cuboid**. It measures **3cm** by **6cm** by **9cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **3cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

8. A box is the shape of a **cuboid**. It measures **6cm** by **12cm** by **15cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **3cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

9. A box is the shape of a **cuboid**. It measures **9cm** by **21cm** by **30cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **3cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

10. A box is the shape of a **cuboid**. It measures **4cm** by **44cm** by **24cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **4cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

11. A box is the shape of a **cuboid**. It measures **8cm** by **36cm** by **12cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **4cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

12. A box is the shape of a **cuboid**. It measures **12cm** by **84cm** by **52cm**. The box is to be **completely filled** with **small cubes**. Each **small cube** has a side length of **4cm**. How many **small cubes** will completely fill the box? Write your answer in the space below.

_____ small cubes

Answers

1. 24
2. 30
3. 72
4. 24
5. 20
6. 90
7. 6
8. 40
9. 210
10. 66
11. 54
12. 819