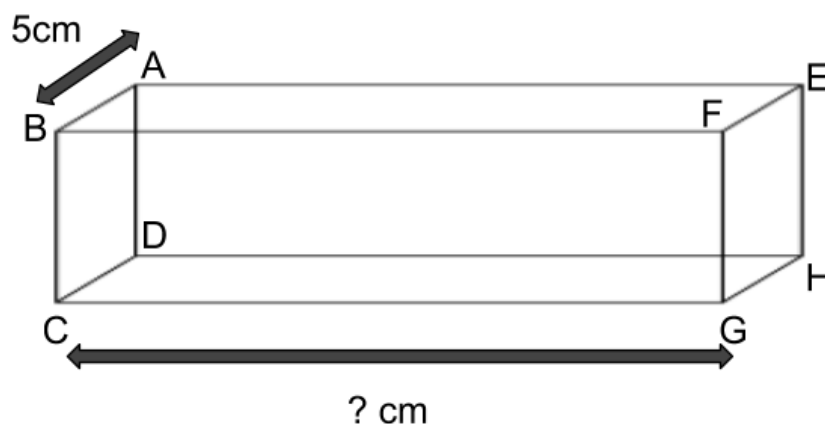


**Q1 (Volume) Day 69** Name: \_\_\_\_\_

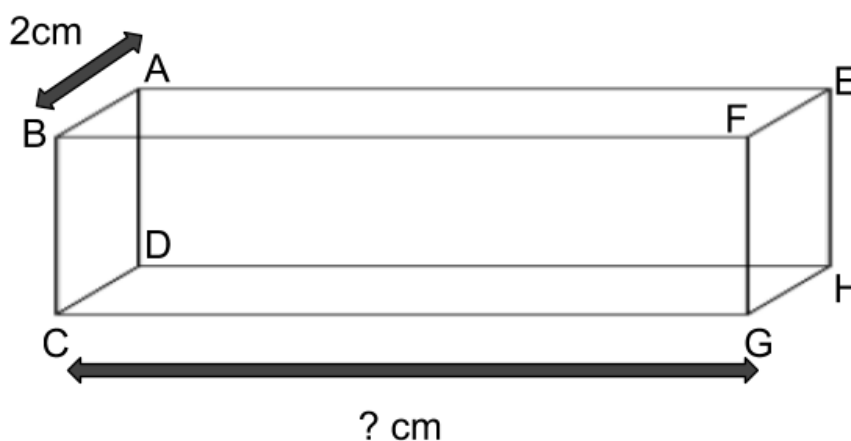
1. Look at the cuboid below.



**ABCD** is a **square**. Each side of the square is **5cm**. The **volume** of the cuboid is **250cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

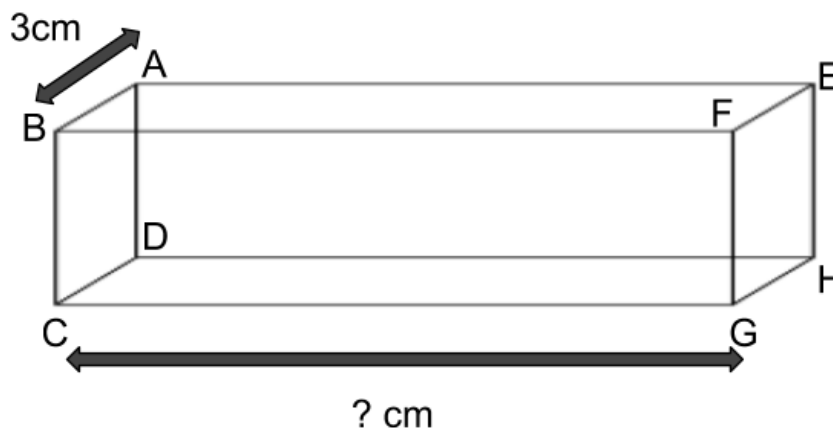
2. Look at the cuboid below.



**ABCD** is a **square**. Each side of the square is **2cm**. The **volume** of the cuboid is **24cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

3. Look at the cuboid below.

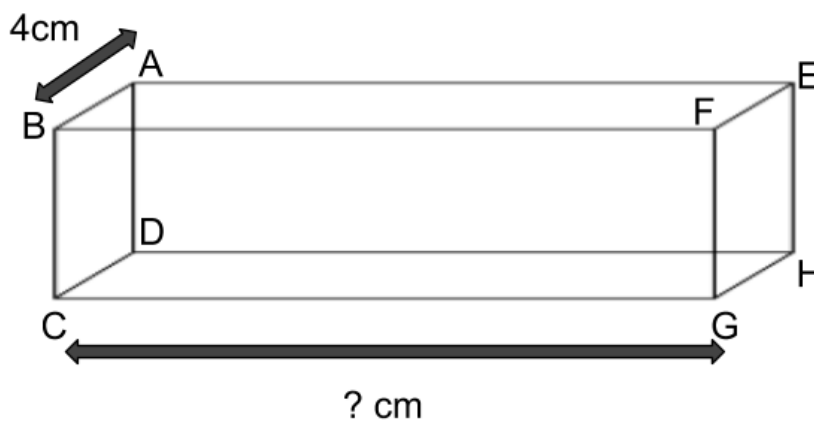


**ABCD** is a **square**. Each side of the square is **3cm**. The **volume** of the cuboid is  **$63\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

4. Look at the cuboid below.

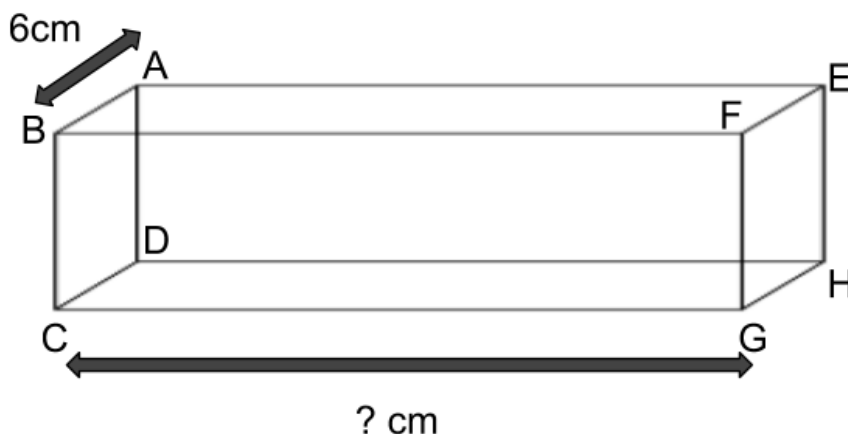


**ABCD** is a **square**. Each side of the square is **4cm**. The **volume** of the cuboid is  **$144\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

5. Look at the cuboid below.

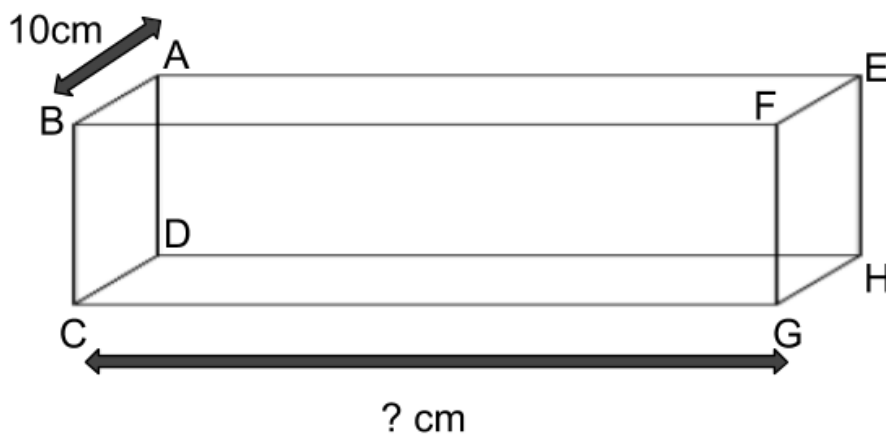


**ABCD** is a **square**. Each side of the square is **6cm**. The **volume** of the cuboid is  **$396\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

6. Look at the cuboid below.

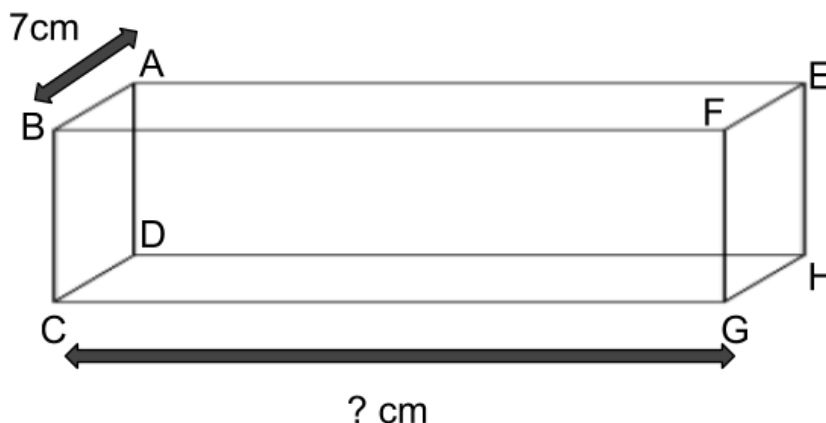


**ABCD** is a **square**. Each side of the square is **10cm**. The **volume** of the cuboid is  **$1600\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

7. Look at the cuboid below.

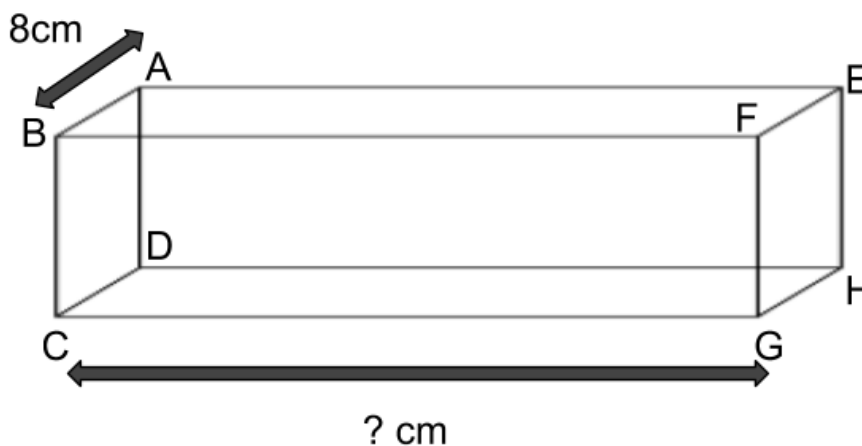


**ABCD** is a **square**. Each side of the square is **7cm**. The **volume** of the cuboid is  **$588\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

8. Look at the cuboid below.

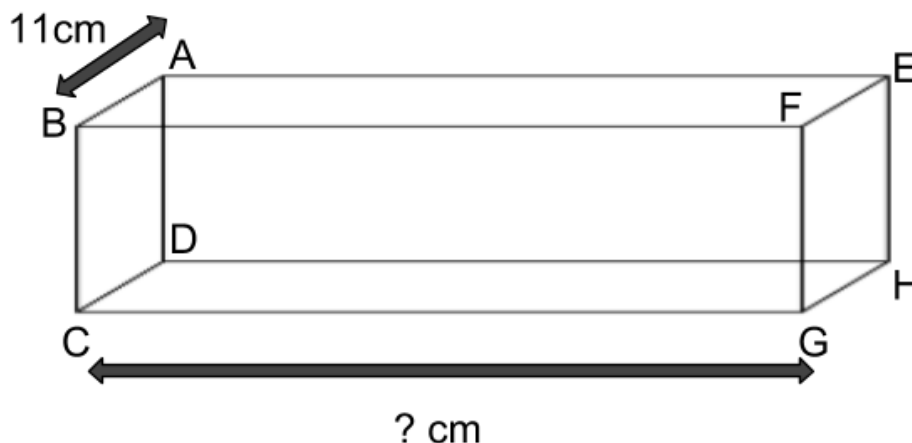


**ABCD** is a **square**. Each side of the square is **8cm**. The **volume** of the cuboid is  **$960\text{cm}^3$** . What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

9. Look at the cuboid below.

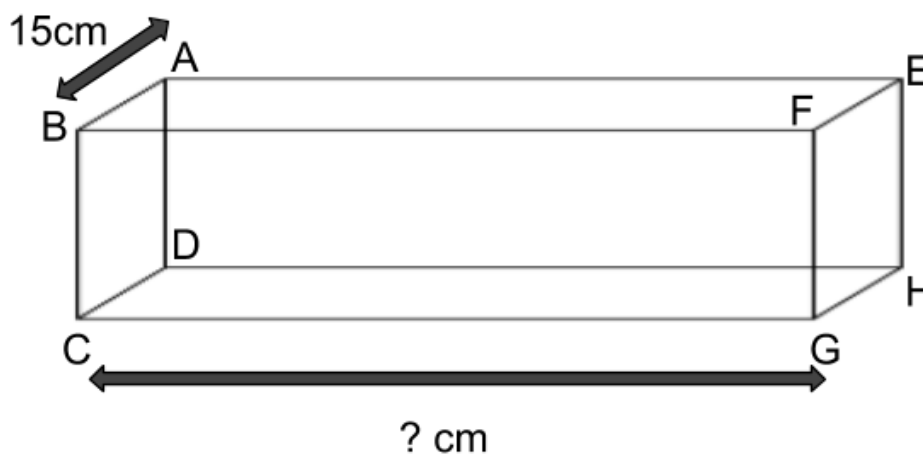


**ABCD** is a **square**. **Each side** of the square is **11cm**. The **volume** of the cuboid is **2541cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

10. Look at the cuboid below.

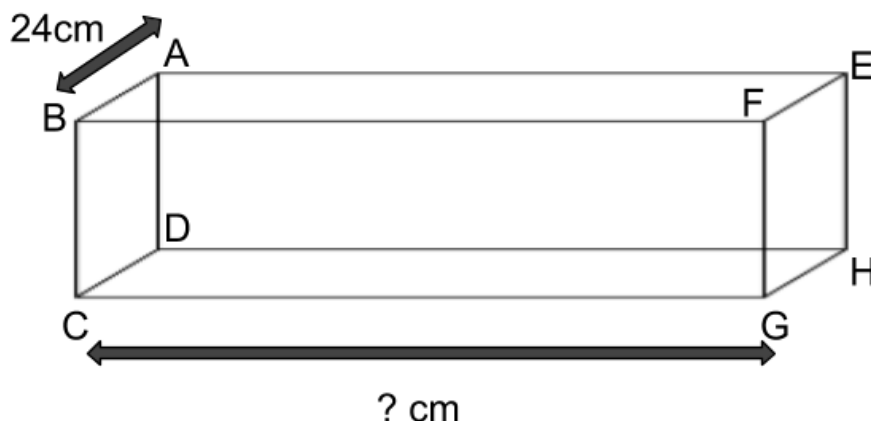


**ABCD** is a **square**. **Each side** of the square is **15cm**. The **volume** of the cuboid is **5625cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

11. Look at the cuboid below.



**ABCD** is a **square**. Each side of the square is **24cm**. The **volume** of the cuboid is **23040cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

12. Look at the cuboid below.



**ABCD** is a **square**. Each side of the square is **30cm**. The **volume** of the cuboid is **45000cm<sup>3</sup>**. What is the **length** of the line **CG**? Write your answer in the space below.

\_\_\_\_\_ cm

---

**Answers****1. 10****2. 6****3. 7****4. 9****5. 11****6. 16****7. 12****8. 15****9. 21****10.25****11.40****12.50**