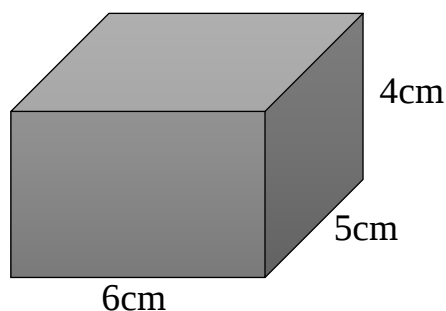


Q3-Q4 (Area/Volume) Day 113 Name: _____

1. The cuboid below is **6cm** by **5cm** by **4cm**.



a) How many **faces** does the cuboid have? Write your answer in the space below.

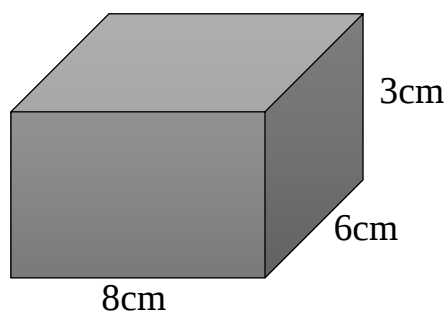
b) What is the **area** of the **smallest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

2. The cuboid below is **8cm** by **6cm** by **3cm**.



a) How many **edges** does the cuboid have? Write your answer in the space below.

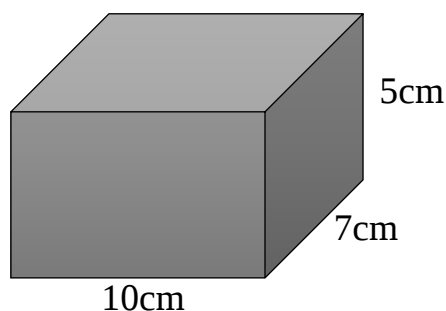
b) What is the **area** of the **largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

3. The cuboid below is **10cm** by **7cm** by **5cm**.



a) How many **vertices** does the cuboid have? Write your answer in the space below.

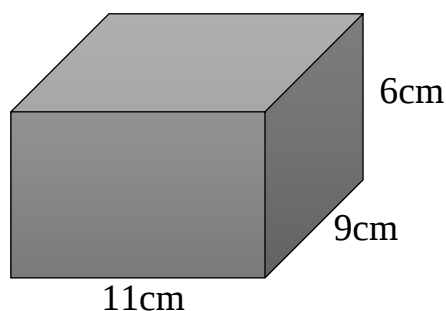
b) What is the **area** of the **second largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

4. The cuboid below is **11cm** by **9cm** by **6cm**.



a) How many **faces** does the cuboid have? Write your answer in the space below.

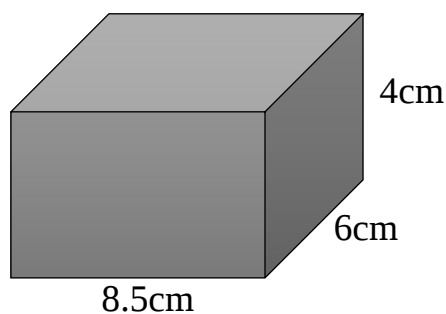
b) What is the **area** of the **smallest face** of the cuboid? Write your answer in the space below.

_____ cm^2

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm^3

5. The cuboid below is **8.5cm** by **6cm** by **4cm**.



a) How many **edges** does the cuboid have? Write your answer in the space below.

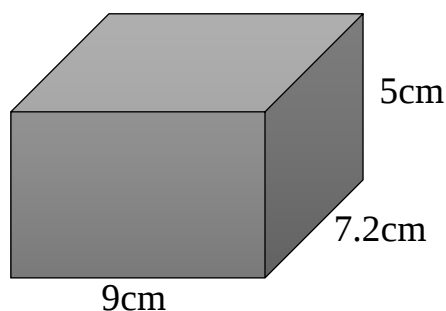
b) What is the **area** of the **largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

6. The cuboid below is **9cm** by **7.2cm** by **5cm**.



a) How many **vertices** does the cuboid have? Write your answer in the space below.

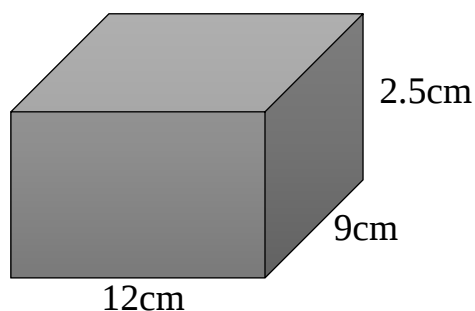
b) What is the **area** of the **second largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

7. The cuboid below is **12cm** by **9cm** by **2.5cm**.



a) How many **faces** does the cuboid have? Write your answer in the space below.

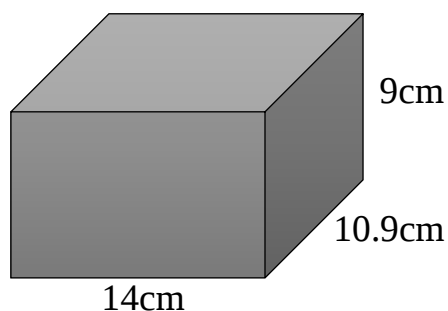
b) What is the **area** of the **smallest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

8. The cuboid below is **14cm** by **10.9cm** by **9cm**.



a) How many **edges** does the cuboid have? Write your answer in the space below.

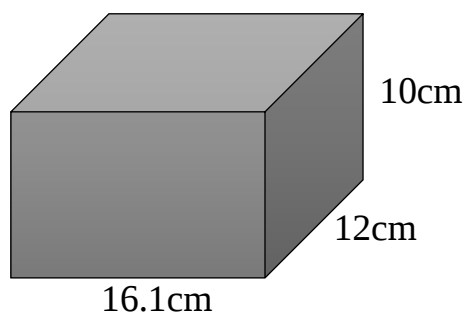
b) What is the **area** of the **largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

9. The cuboid below is **16.1cm** by **12cm** by **10cm**.



a) How many **vertices** does the cuboid have? Write your answer in the space below.

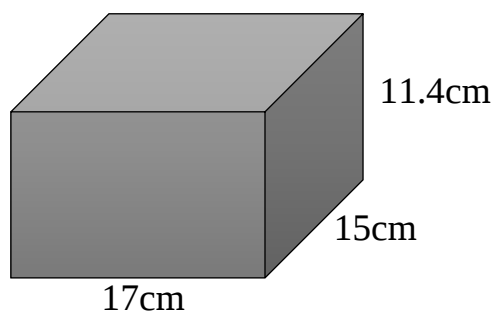
b) What is the **area** of the **second largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

10. The cuboid below is **17cm** by **15cm** by **11.4cm**.



a) How many **faces** does the cuboid have? Write your answer in the space below.

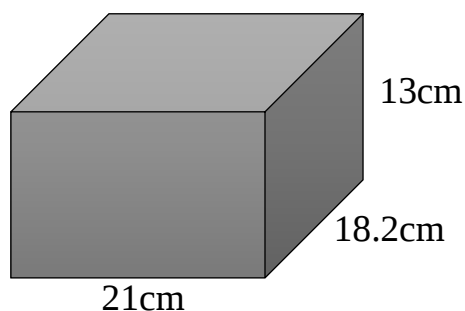
b) What is the **area** of the **smallest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

11. The cuboid below is **21cm** by **18.2cm** by **13cm**.



a) How many **edges** does the cuboid have? Write your answer in the space below.

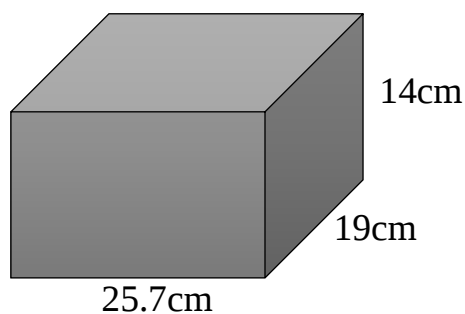
b) What is the **area** of the **largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

12. The cuboid below is **25.7cm** by **19cm** by **14cm**.



a) How many **vertices** does the cuboid have? Write your answer in the space below.

b) What is the **area** of the **second largest face** of the cuboid? Write your answer in the space below.

_____ cm²

c) What is the **volume** of the cuboid? Write your answer in the space below.

_____ cm³

Answers

- | | | |
|----------|----------|-----------|
| 1. a) 6 | b) 20 | c) 120 |
| 2. a) 12 | b) 48 | c) 144 |
| 3. a) 8 | b) 50 | c) 350 |
| 4. a) 6 | b) 54 | c) 594 |
| 5. a) 12 | b) 51 | c) 204 |
| 6. a) 8 | b) 45 | c) 324 |
| 7. a) 6 | b) 22.5 | c) 270 |
| 8. a) 12 | b) 152.6 | c) 1373.4 |
| 9. a) 8 | b) 161 | c) 1932 |
| 10.a) 6 | b) 171 | c) 2907 |
| 11.a) 12 | b) 382.2 | c) 4968.6 |
| 12.a) 8 | b) 359.8 | c) 6836.2 |