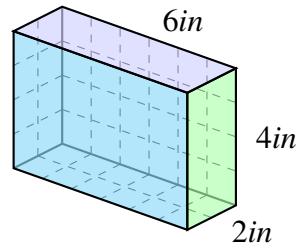
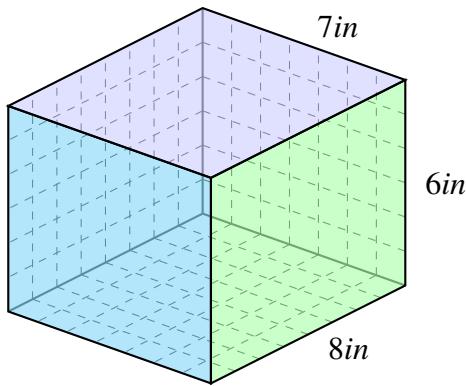


Volume and surface area of prisms (B)

Find the volume and surface area of each prism.

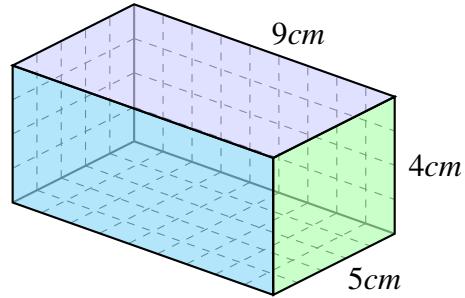
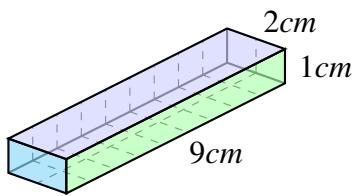


V: _____

V: _____

SA: _____

SA: _____



V: _____

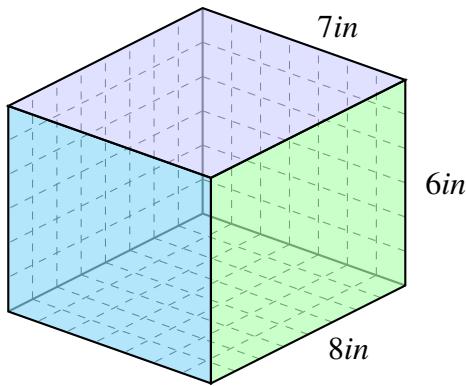
V: _____

SA: _____

SA: _____

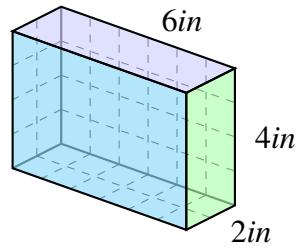
Volume and surface area of prisms (B) Answers

Find the volume and surface area of each prism.



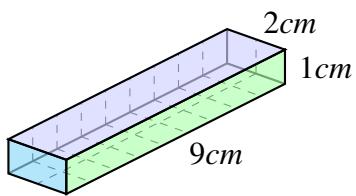
$$V: 8\text{in} \times 7\text{in} \times 6\text{in} = 336\text{in}^3$$

$$\text{SA: } 2 \times (56 + 42 + 48)\text{in} = 292\text{in}^2$$



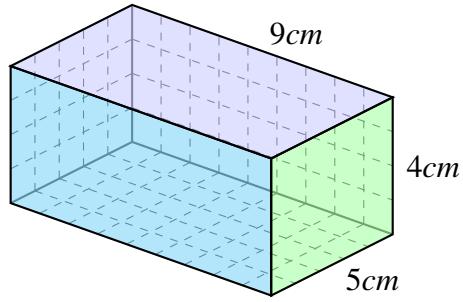
$$V: 2\text{in} \times 6\text{in} \times 4\text{in} = 48\text{in}^3$$

$$\text{SA: } 2 \times (12 + 24 + 8)\text{in} = 88\text{in}^2$$



$$V: 9\text{cm} \times 2\text{cm} \times 1\text{cm} = 18\text{cm}^3$$

$$\text{SA: } 2 \times (18 + 2 + 9)\text{cm} = 58\text{cm}^2$$



$$V: 5\text{cm} \times 9\text{cm} \times 4\text{cm} = 180\text{cm}^3$$

$$\text{SA: } 2 \times (45 + 36 + 20)\text{cm} = 202\text{cm}^2$$