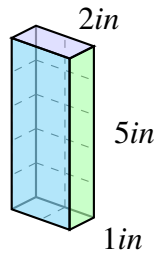


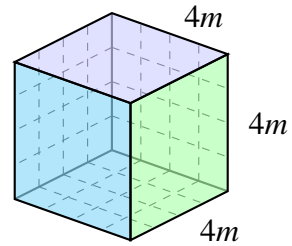
Volume and surface area of prisms (I)

Find the volume and surface area of each prism.



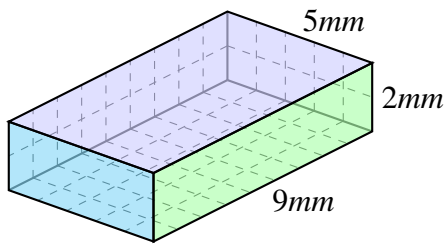
V: _____

SA: _____



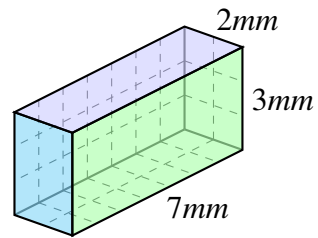
V: _____

SA: _____



V: _____

SA: _____

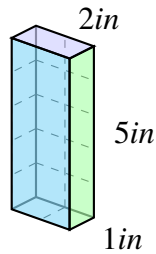


V: _____

SA: _____

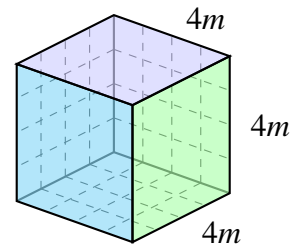
Volume and surface area of prisms (I) Answers

Find the volume and surface area of each prism.



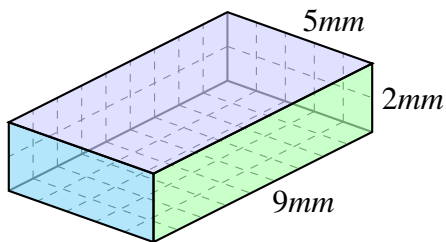
$$V: 1\text{ in} \times 2 \times 5\text{ in} = 10\text{ in}^3$$

$$SA: 2 \times (2 + 10 + 5)\text{ in} = 34\text{ in}^2$$



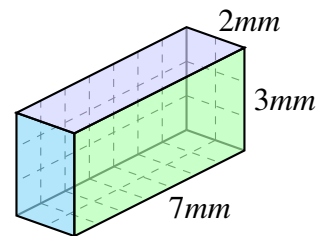
$$V: 4\text{ m} \times 4 \times 4\text{ m} = 64\text{ m}^3$$

$$SA: 2 \times (16 + 16 + 16)\text{ m} = 96\text{ m}^2$$



$$V: 9\text{ mm} \times 5 \times 2\text{ mm} = 90\text{ mm}^3$$

$$SA: 2 \times (45 + 10 + 18)\text{ mm} = 146\text{ mm}^2$$



$$V: 7\text{ mm} \times 2 \times 3\text{ mm} = 42\text{ mm}^3$$

$$SA: 2 \times (14 + 6 + 21)\text{ mm} = 82\text{ mm}^2$$