Volume and surface area of prisms (I)

Find the volume and surface area of each prism.

4.4mm

6.0mm

4.1mm

V: _____

SA: _____

3.2cm

9.0cm

4.6cm

V: _____

SA: _____

1.6cm

8.0cm

4.2cm

V: _____

SA: _____

5.1cm

2.3cm

7.8cm
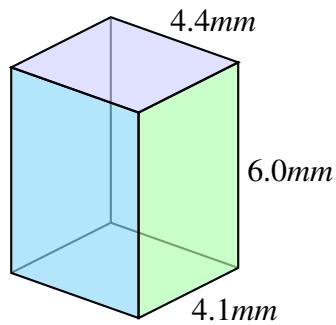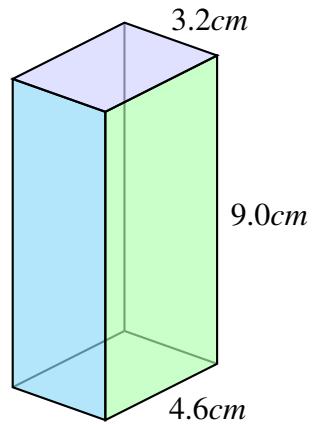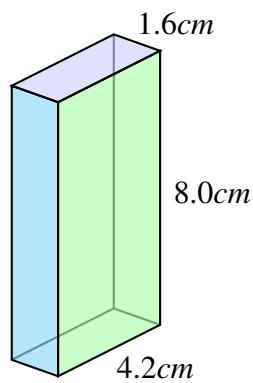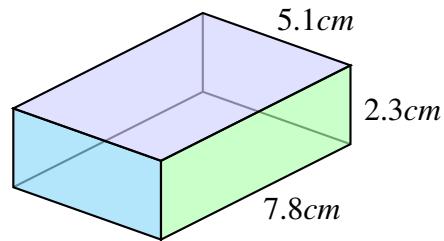
V: _____

SA: _____

Volume and surface area of prisms (I) Answers

Find the volume and surface area of each prism.

3.2*cm*

4.4*mm*

6.0*mm*
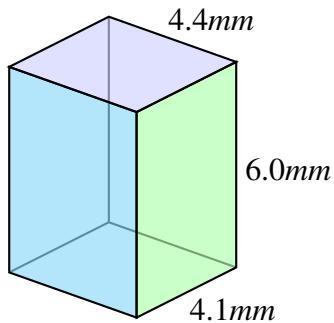
4.1*mm*

9.0*cm*

4.6*cm*

V: 4.1*mm* x 4.4 x 6.0*mm* = 108.24*mm*^{3}

SA: 2 x (18.04 + 26.4 + 24.6)*mm* = 138.08*mm*^{2}

V: 4.6*cm* x 3.2 x 9.0*cm* = 132.48*cm*^{3}

SA: 2 x (14.72 + 28.8 + 41.4)*cm* = 169.84*cm*^{2}

1.6*cm*

8.0*cm*

4.2*cm*

5.1*cm*

2.3*cm*

7.8*cm*

V: 4.2*cm* x 1.6 x 8.0*cm* = 53.76*cm*^{3}
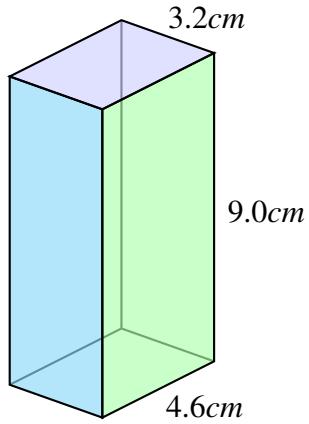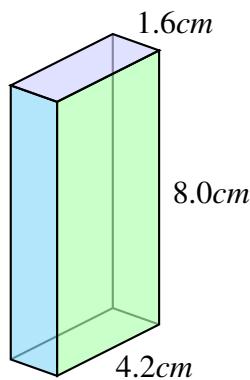
SA: 2 x (6.72 + 12.8 + 33.6)*cm* = 106.24*cm*^{2}
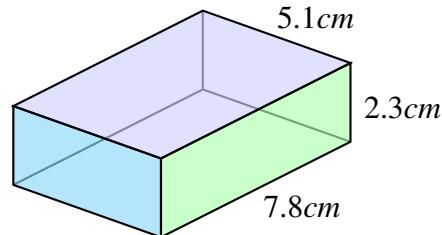
V: 7.8*cm* x 5.1 x 2.3*cm* = 91.494*cm*^{3}

SA: 2 x (39.78 + 11.73 + 17.94)*cm* = 138.9*cm*^{2}