Find the volume of each composite solid figure.

1

3 cm
4 cm
10 cm
3 cm
16 cm

_____

2

35 mm
22 mm
15 mm
15 mm
30 mm

_____

3

13 in.
4 in.
3 in.
3 in.
4 in.

_____
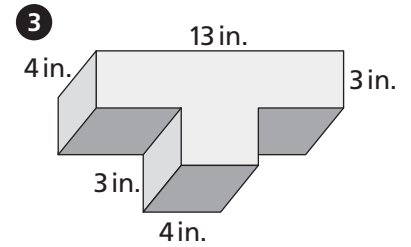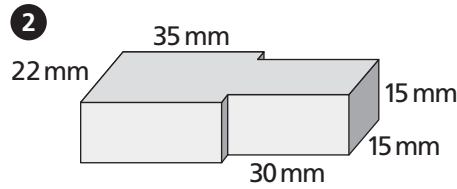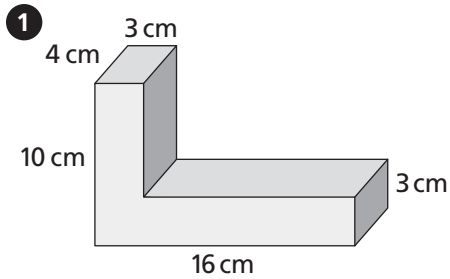
4 The exterior of a refrigerator is shaped like a rectangular prism, and measures $2\frac{2}{3}$ feet wide by $5\frac{1}{2}$ feet high by $2\frac{1}{2}$ feet deep. What amount of space does the refrigerator take up?

_____

5 In the space below, draw a composite solid of your own design that is made up of two prisms. Write the dimensions of your design, and then calculate its volume.

_____

Divide

1 $0.7\overline{)49}$

2 $0.05\overline{)50}$

3 $0.8\overline{)0.64}$

4 $0.06\overline{)36}$

5 $0.3\overline{)939.6}$

6 $0.06\overline{)27.3}$

Solve.

7 A fish tank is 20 feet long, 12 feet wide, and 10 feet deep.
What is the volume of the fish tank?

_____

8 **Stretch Your Thinking** Draw a composite solid in the space
below using two different rectangular prisms. Label the
length and width using fractions of units. The figures
do not need to be to scale. Find the volume of the figure.

_____

Volume of Composite S olid Figures