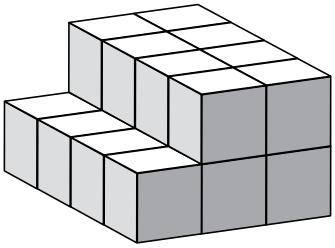
Name: _____

Fractional Volume Cubes

Count the cubes and write the volume of each shape in whole cubic units. Then write the volume in fractional cubic units. (Remember: calculate how many fractional units fit inside a whole cubic unit, then multiply.)

The first one has been done for you as an example.

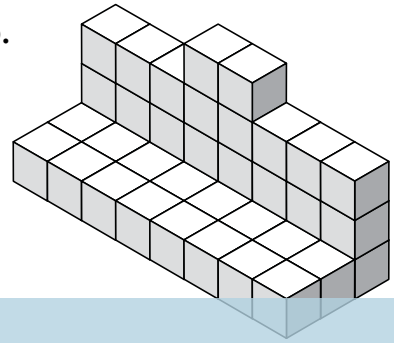
a.



20 _____ whole cubic units

_____ $\frac{1}{4}$ cubic units

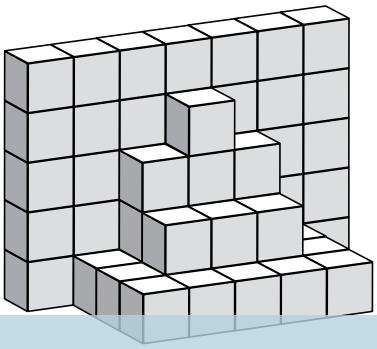
b.



_____ whole cubic units

_____ $\frac{1}{3}$ cubic units

c.



_____ whole cubic units

_____ $\frac{1}{2}$ cubic units

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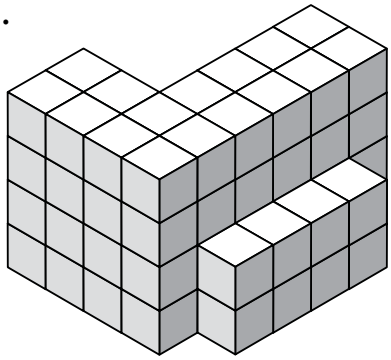
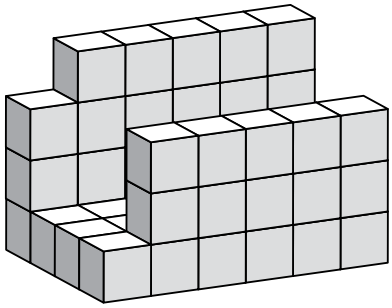
g.



_____ whole cubic units

_____ $\frac{1}{4}$ cubic units

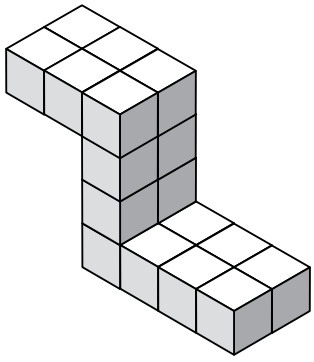
h.



_____ whole cubic units

_____ $\frac{1}{5}$ cubic units

i.



_____ whole cubic units

_____ $\frac{1}{6}$ cubic units

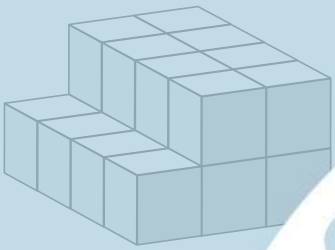
ANSWER KEY

Fractional Volume Cubes

Count the cubes and write the volume of each shape in whole cubic units. Then write the volume in fractional cubic units. (Remember: calculate how many fractional units fit inside a whole cubic unit, then multiply.)

The first one has been done for you as an example.

a.

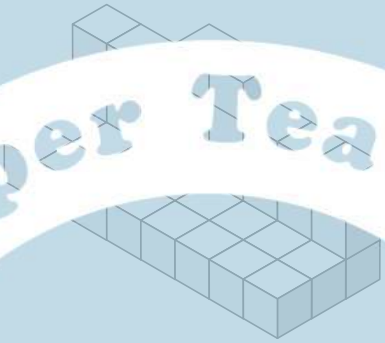


20 ___ units

100 ___ whole cu

6,400 ___ $\frac{1}{4}$ cubic units

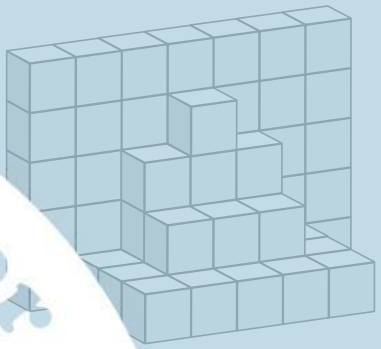
b.



42 ___ whole cubic units

23 ___ whole cubic

c.



___ ole cubic units

___ whole cubic units

704 ___ $\frac{1}{2}$ cubic units

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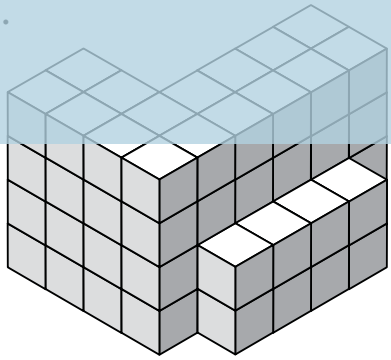
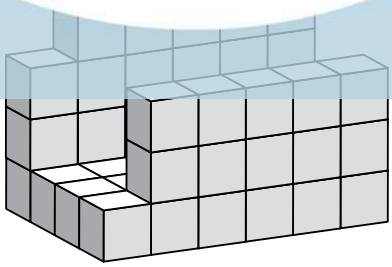
g.



72 **whole cubic units**

4,608 **$\frac{1}{4}$ cubic units**

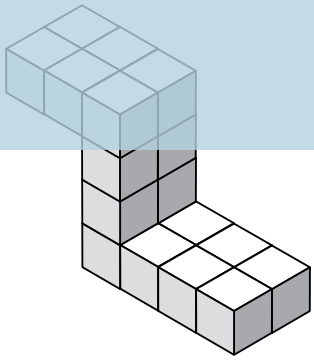
h.



51 **whole cubic units**

6,375 **$\frac{1}{5}$ cubic units**

i.



18 **whole cubic units**

3,888 **$\frac{1}{6}$ cubic units**