

8.4

Puzzle Time

Solve on another piece of paper showing your work.

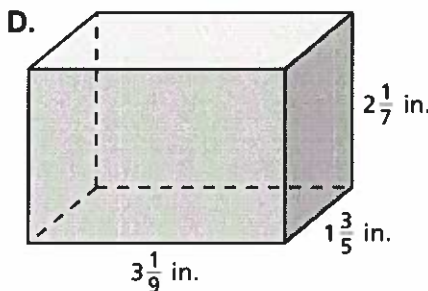
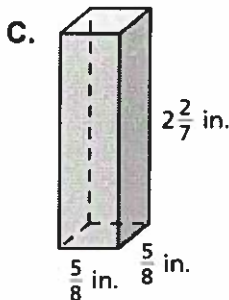
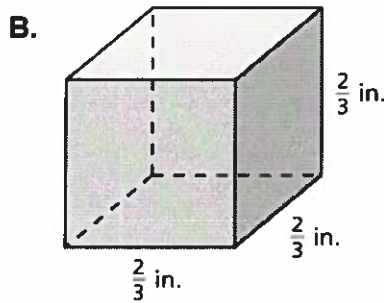
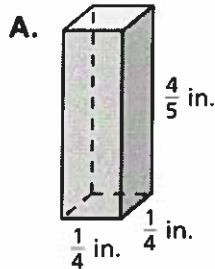
What Did The Necktie Say To The Hat?

A	B	C	D	E	F
G	H				

Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

3 in. WILL
5 in. AROUND
$\frac{1}{20}$ in. ³ YOU
$10\frac{2}{3}$ in. ³ I

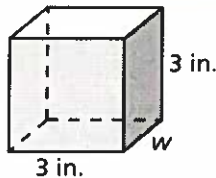
Find the volume of the rectangular prism.



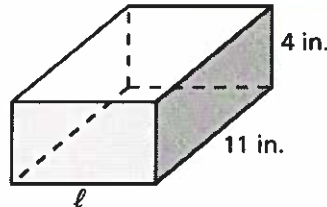
$\frac{8}{27}$ in. ³ GO
13 in. HANG
8 in. JUST
$\frac{25}{28}$ in. ³ AHEAD

Write and solve an equation to find the missing dimension of the rectangular prism.

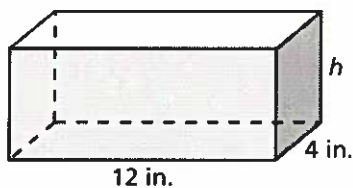
E. $V = 27 \text{ in.}^3$



F. $V = 352 \text{ in.}^3$



G. $V = 624 \text{ in.}^3$



H. $V = 60 \text{ in.}^3$

