

# More Cube-Stacking Problems

## Home Link 1-7

NAME \_\_\_\_\_

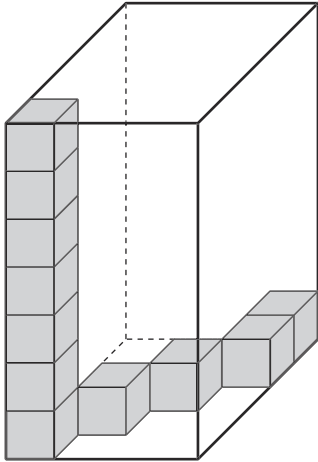
DATE \_\_\_\_\_

TIME \_\_\_\_\_



The cubes in each rectangular prism are the same size. Each prism has at least one stack of cubes that goes up to the top. Find the total number of cubes needed to completely fill each prism. Then find the volume of each prism.

①



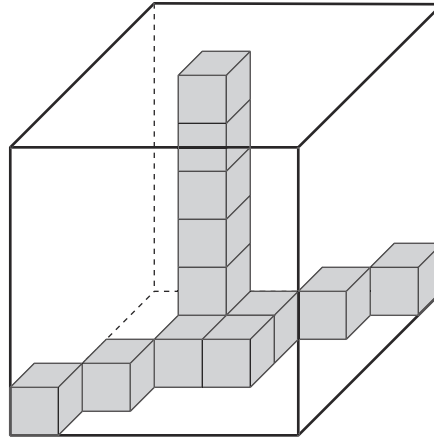
Prism A

Cubes needed to fill Prism A:

\_\_\_\_\_ cubes

Volume of Prism A: \_\_\_\_\_ units<sup>3</sup>

②



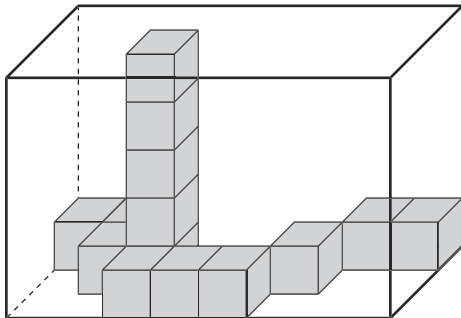
Prism B

Cubes needed to fill Prism B:

\_\_\_\_\_ cubes

Volume of Prism B: \_\_\_\_\_ cubic units

③



Prism C

Cubes needed to fill Prism C:

\_\_\_\_\_ cubes

Volume of Prism C: \_\_\_\_\_ cubic units

### Practice

Solve.

④  $(14 + 30) * 2 = \underline{\hspace{2cm}}$

⑤  $14 + (30 * 2) = \underline{\hspace{2cm}}$

⑥  $\underline{\hspace{2cm}} = (68 - 58) * (8 + 8 + 8)$

⑦  $(15 - 10) + (4 * 5) = \underline{\hspace{2cm}} + 5$