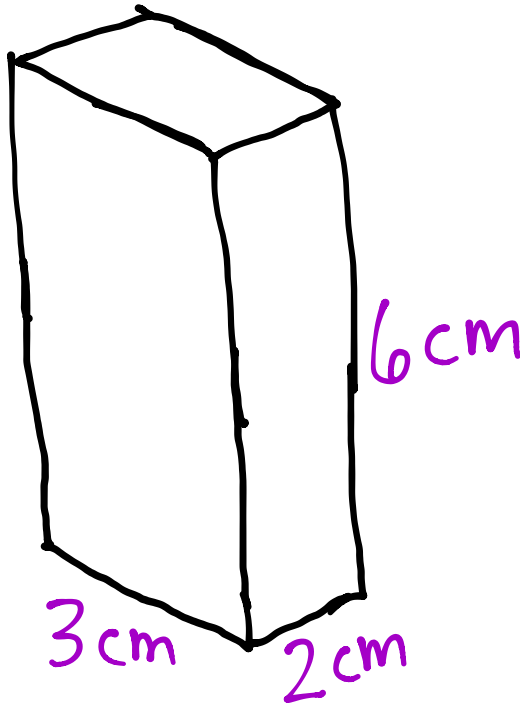Name _____   Date _____

Sketch a rectangular prism that has a volume of 36 cubic cm. Label the dimensions of each side on the prism. Fill in the blanks that follow.

6 cm

3 cm   2 cm

Height: __6__ cm

Length: __3__ cm

Width: __2__ cm

Volume: __36__ cubic cm

Answers will vary. Make sure the three dimensions have a product of 36. Since multiplication is commutative, we do not need to worry whether the height, length, and width of the prism match the filled in blanks.

EUREKA MATH™

Lesson 8:   Apply concepts and formulas of volume to design a sculpture using rectangular prisms within given parameters.

111

©2015 Great Minds. eureka-math.org
G5-M5-TE-1.3.0-08.2015