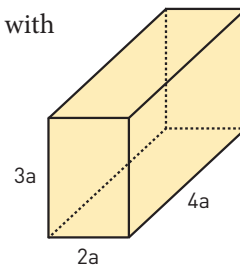


YOU & MATHS **A mysterious volume** What is the volume of a parallelepiped with dimensions that are twice, three times, and four times a given length a ?



The volume of the parallelepiped is the product of its dimensions, so

$$V = 2a \cdot 3a \cdot 4a = 24a^3.$$