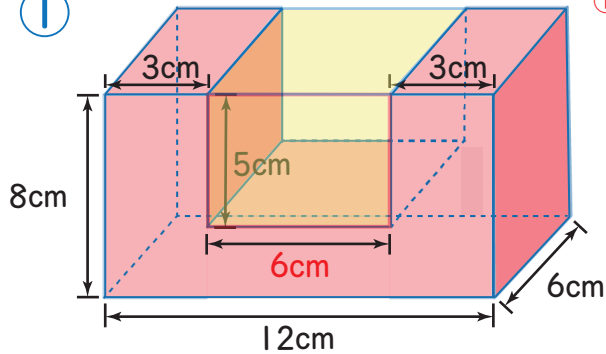


次のような立体の体積を求めましょう。

①



①大きい直方体から、②欠けている部分（黄色の部分）の直方体を引く

$$\textcircled{1} \quad 12 \times 6 \times 8 = 576$$

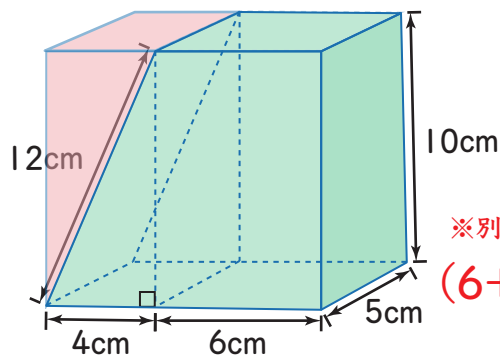
$$\textcircled{2} \quad 6 \times 6 \times 5 = 180$$

$$\textcircled{1} - \textcircled{2} \quad 576 - 180 = 396$$

$$396 \text{ cm}^3$$

①大きい直方体から、②欠けている部分（ピンク色の部分）の直方体を引く

②



$$\textcircled{1} \quad 10 \times 5 \times 10 = 500$$

$$\textcircled{2} \quad 4 \times 5 \times 10 \div 2 = 100$$

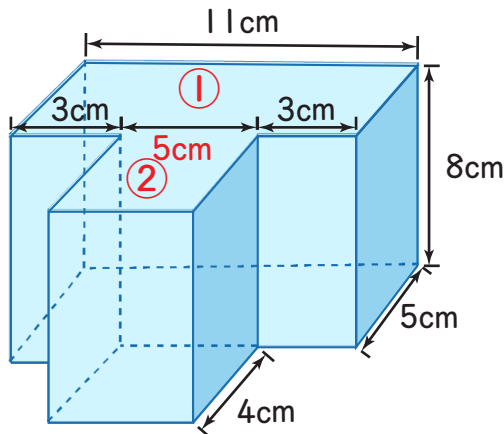
$$\textcircled{1} - \textcircled{2} \quad 500 - 100 = 400$$

※別解：台形として解く

$$(4 + 10) \times 10 \div 2 \times 5 = 400$$

$$400 \text{ cm}^3$$

③



①と②、2つの直方体を足す

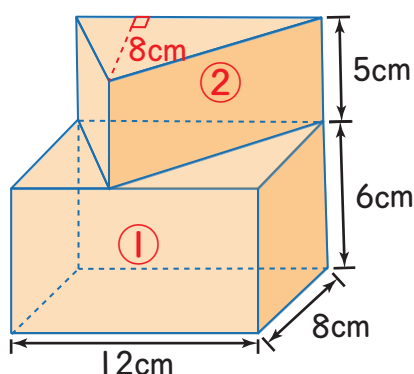
$$\textcircled{1} \quad 11 \times 5 \times 8 = 440$$

$$\textcircled{2} \quad 5 \times 4 \times 8 = 160$$

$$\textcircled{1} + \textcircled{2} \quad 440 + 160 = 600$$

$$600 \text{ cm}^3$$

④



①の直方体と②の三角柱を足す

$$\textcircled{1} \quad 12 \times 8 \times 6 = 576$$

$$\textcircled{2} \quad (12 \times 8 \div 2) \times 5 = 240$$

$$\textcircled{1} + \textcircled{2} \quad 576 + 240 = 816$$

$$816 \text{ cm}^3$$

