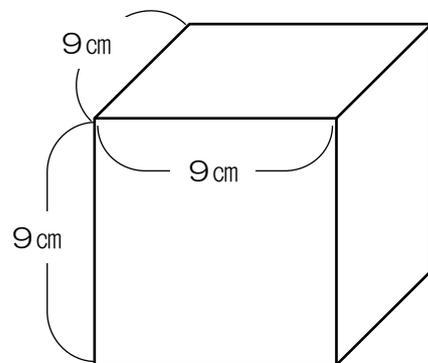
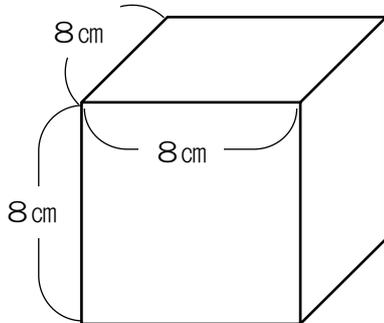
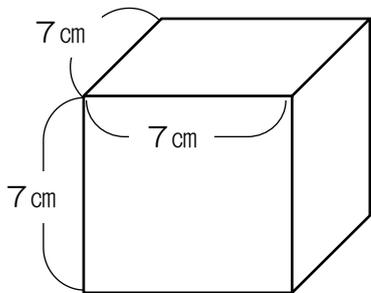
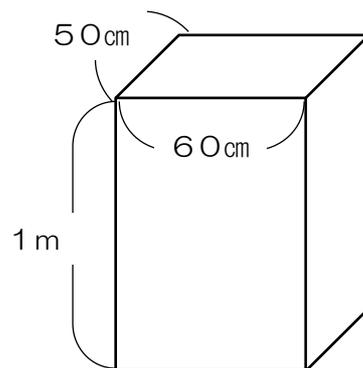
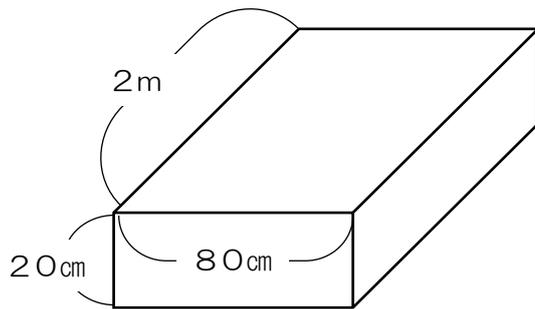
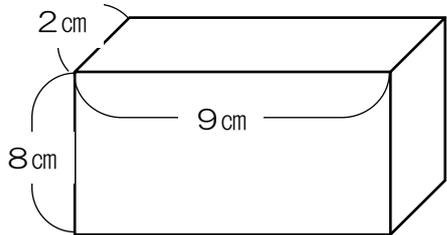
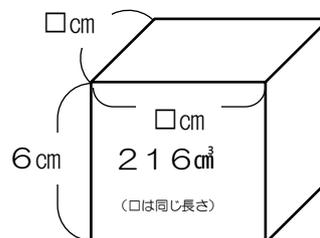
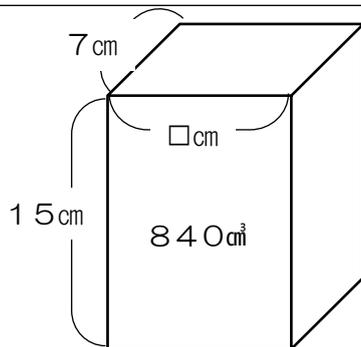
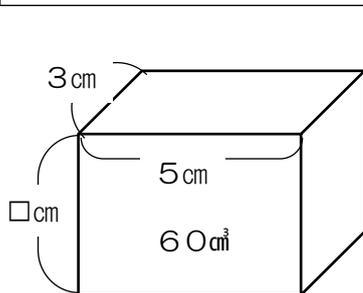


※ノートなどに問題をうつしてやってみましょう。

次の直方体や立方体などの立体の体積を求めましょう。



□に当てはまる数を求めましょう。

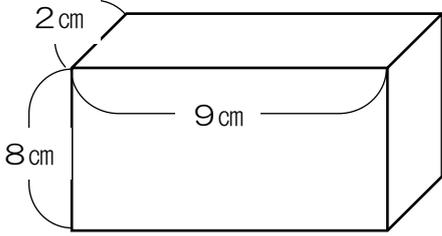


体積が210 cm³になる直方体をつくりましょう。

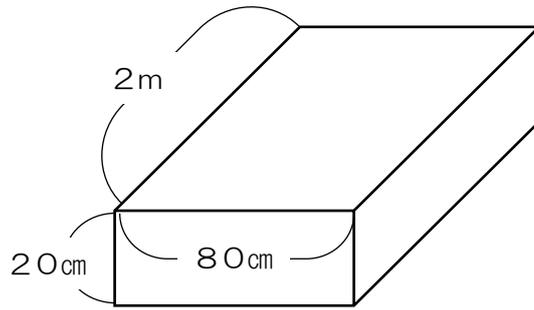
たて _____ cm , 横 _____ cm , 高さ _____ cm

※答え

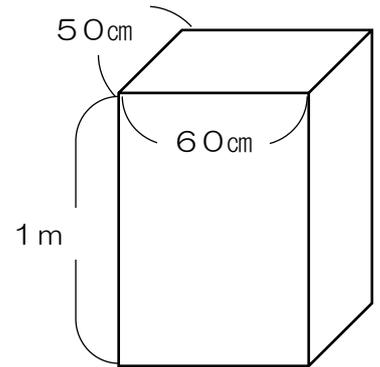
次の直方体や立方体などの立体の体積を求めましょう。



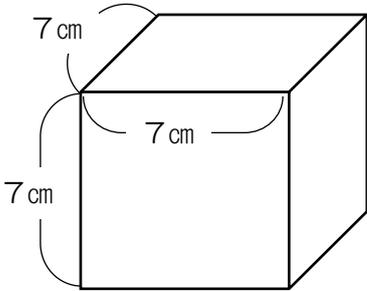
$$2 \times 9 \times 8 = 144$$
$$144 \text{ cm}^3$$



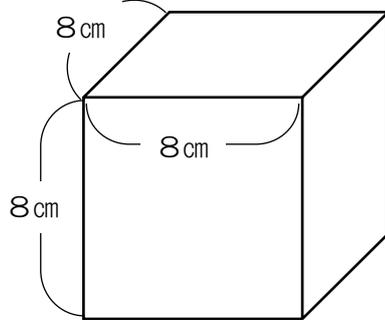
$$2 \text{ m} = 200 \text{ cm}$$
$$200 \times 80 \times 20 = 320000$$
$$320000 \text{ cm}^3$$



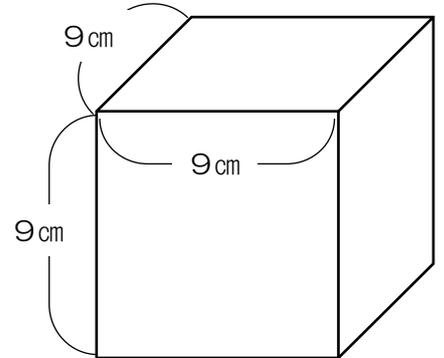
$$1 \text{ m} = 100 \text{ cm}$$
$$50 \times 60 \times 100 = 300000$$
$$300000 \text{ cm}^3$$



$$7 \times 7 \times 7 = 343$$
$$343 \text{ cm}^3$$

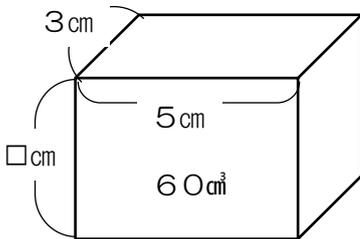


$$8 \times 8 \times 8 = 512$$
$$512 \text{ cm}^3$$

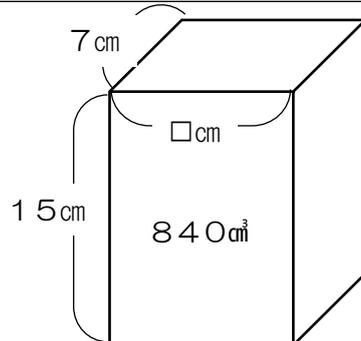


$$9 \times 9 \times 9 = 729$$
$$729 \text{ cm}^3$$

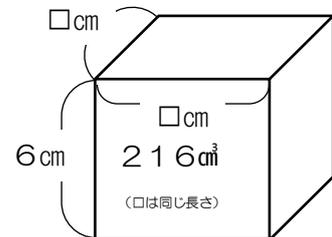
□に当てはまる数を求めましょう。



$$3 \times 5 \times \square = 60$$
$$\square = 60 \div 15$$
$$\square = 4$$



$$7 \times \square \times 15 = 840$$
$$\square = 840 \div 105$$
$$\square = 8$$



$$216 \div 6 = 36$$
$$\square \times \square = 36$$
$$\square = 6$$

体積が210 cm³になる直方体をつくりましょう。

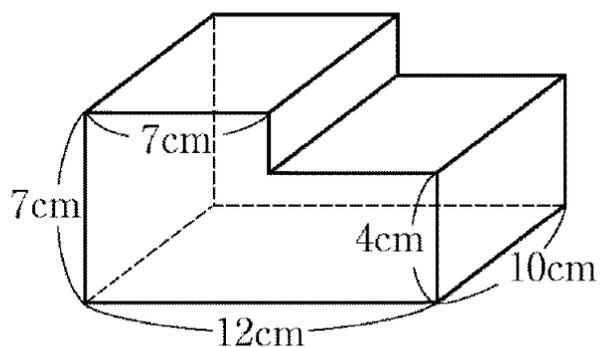
例：たて3 cm, 横7 cm, 高さ10 cm

たて _____ cm , 横 _____ cm , 高さ _____ cm

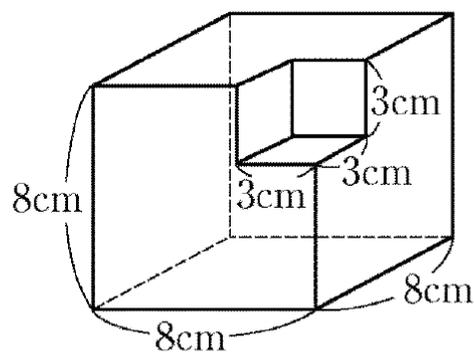
※ノートなどに問題をうつしてやってみましょう。

次の形の体積を求めましょう。

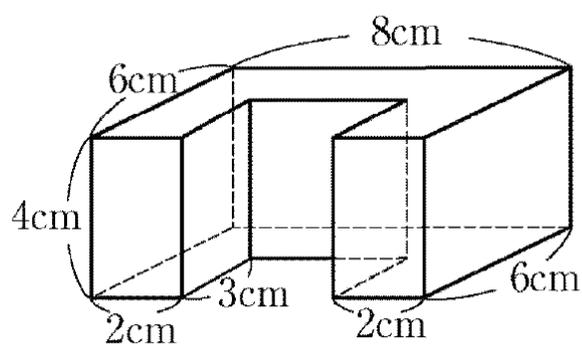
(1)



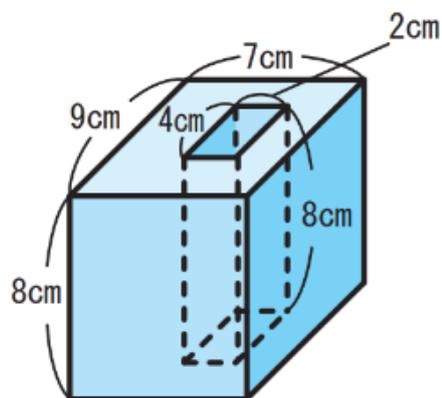
(2)



(3)



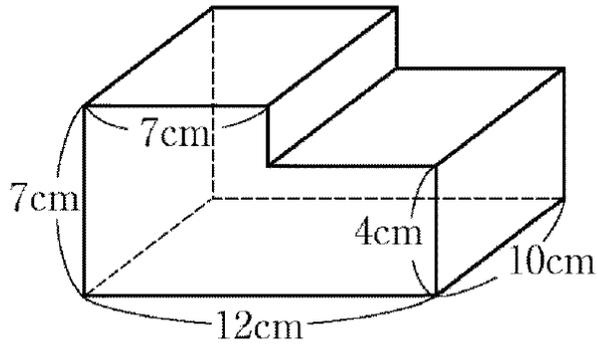
(4)



※答え

次の形の体積を求めましょう。

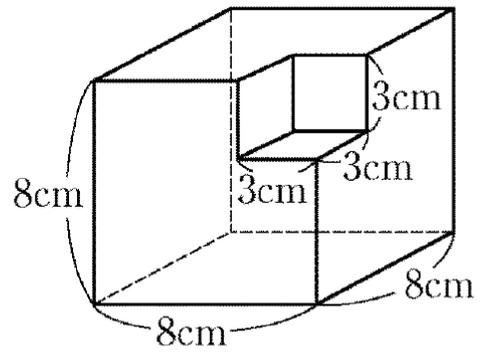
(1)



$$\begin{aligned} \text{例：} & 10 \times 7 \times 7 + 10 \times (12 - 7) \times 4 \\ & = 490 + 200 \\ & = 690 \end{aligned}$$

690㎤

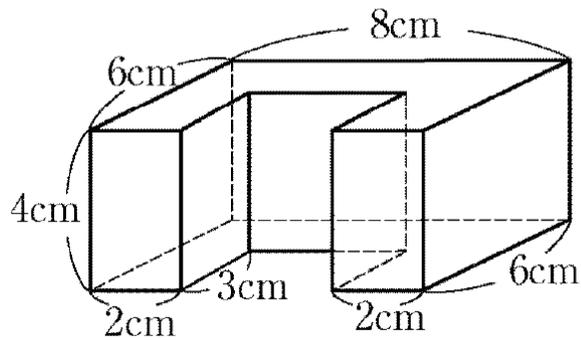
(2)



$$\begin{aligned} \text{例：} & 8 \times 8 \times 8 - 3 \times 3 \times 3 \\ & = 512 - 27 \\ & = 485 \end{aligned}$$

485㎤

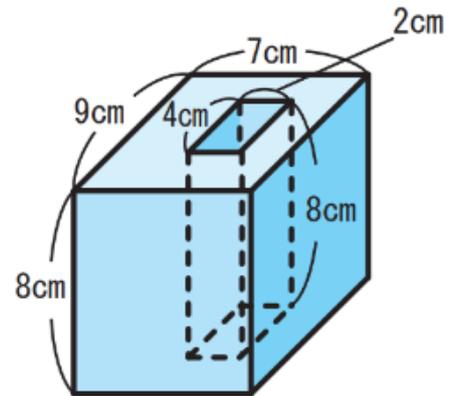
(3)



$$\begin{aligned} \text{例：} & 6 \times 8 \times 4 - 3 \times (8 - 2 - 2) \times 4 \\ & = 192 - 48 \\ & = 144 \end{aligned}$$

144㎤

(4)



$$\begin{aligned} \text{例：} & 9 \times 7 \times 8 - 4 \times 2 \times 8 \\ & = 504 - 64 \\ & = 440 \end{aligned}$$

440㎤