

1. Rechne in die angegebenen Masseneinheiten um.

a $3 \text{ cm}^3 = \underline{3000} \text{ mm}^3$
 $0.3 \text{ cm}^3 = \underline{300} \text{ mm}^3$

b $5000 \text{ mm}^3 = \underline{5} \text{ cm}^3$
 $50 \text{ mm}^3 = \underline{0.05} \text{ cm}^3$

c $70 \text{ m}^3 = \underline{70\,000} \text{ dm}^3$
 $0.07 \text{ m}^3 = \underline{70} \text{ dm}^3$

d $40\,000 \text{ dm}^3 = \underline{40} \text{ m}^3$
 $400 \text{ dm}^3 = \underline{0.4} \text{ m}^3$

e $900 \text{ dm}^3 = \underline{900\,000} \text{ cm}^3$
 $0.009 \text{ dm}^3 = \underline{9} \text{ cm}^3$

f $8000 \text{ cm}^3 = \underline{8} \text{ dm}^3$
 $80 \text{ cm}^3 = \underline{0.08} \text{ dm}^3$

2. Ergänze das passende Zeichen (<, > oder =).

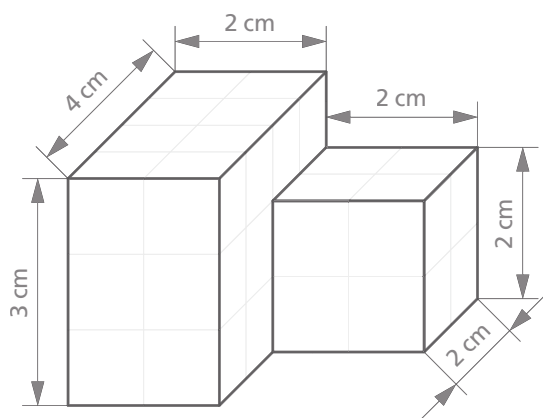
a $1 \text{ m}^3 > 100 \text{ dm}^3$
 $9000 \text{ mm}^3 = 9 \text{ cm}^3$

b $0.6 \text{ dm}^3 = 600 \text{ cm}^3$
 $5 \text{ m}^3 < 50\,000 \text{ dm}^3$

c $2000 \text{ cm}^3 < 20 \text{ dm}^3$
 $40 \text{ dm}^3 = 0.04 \text{ m}^3$

d $0.7 \text{ dm}^3 > 7 \text{ cm}^3$
 $300 \text{ cm}^3 > 30\,000 \text{ mm}^3$

3. Berechne das Volumen des Gebäudes.



Volumen: 32 cm^3

1. Rechne in die angegebenen Masseneinheiten um.

a $4300 \text{ cm}^3 = \underline{4.3} \text{ dm}^3$
 $43 \text{ m}^3 = \underline{43\,000} \text{ dm}^3$

b $505 \text{ mm}^3 = \underline{0.505} \text{ cm}^3$
 $5.05 \text{ dm}^3 = \underline{5050} \text{ cm}^3$

c $80\,400 \text{ cm}^3 = \underline{80.4} \text{ dm}^3$
 $804 \text{ dm}^3 = \underline{0.804} \text{ m}^3$

d $6.5 \text{ m}^2 = \underline{6500} \text{ dm}^2$
 $0.065 \text{ cm}^2 = \underline{65} \text{ mm}^2$

e $30 \text{ l} = \underline{30} \text{ dm}^3$
 $300 \text{ ml} = \underline{300} \text{ cm}^3$

f $2 \text{ m}^3 = \underline{2000} \text{ l}$
 $2000 \text{ mm}^3 = \underline{2} \text{ ml}$

2. Ergänze das passende Zeichen (<, > oder =).

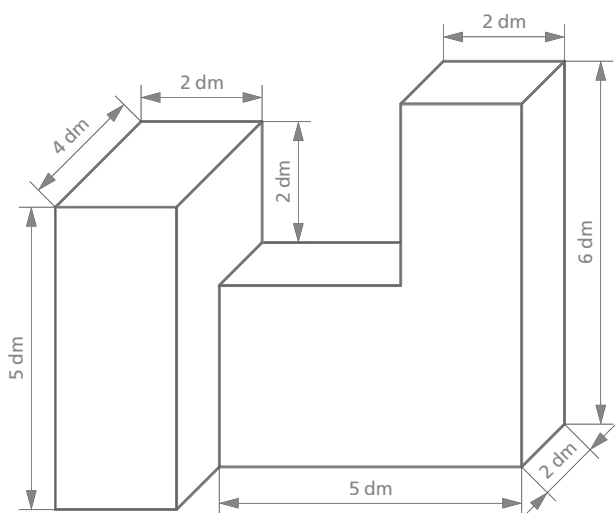
a $2040 \text{ dm}^3 = 2.04 \text{ m}^3$
 $204 \text{ cm}^3 < 20.4 \text{ dm}^3$

b $1500 \text{ mm}^3 > 1.05 \text{ cm}^3$
 $10\,500 \text{ dm}^3 > 1.5 \text{ m}^3$

c $5.06 \text{ m}^3 = 5060 \text{ l}$
 $50.06 \text{ cm}^3 > 50\,006 \text{ mm}^3$

d $0.071 \text{ dm}^3 < 710 \text{ cm}^3$
 $710 \text{ mm}^3 < 7.1 \text{ ml}$

3. Berechne das Volumen des Gebäudes.



Volumen: 82 dm^3

1. Rechne in die angegebenen Masseneinheiten um.

a $93\,000\text{ cm}^3 = \underline{0.093}\text{ m}^3$
 $0.93\text{ dm}^3 = \underline{930\,000}\text{ mm}^3$

b $150\text{ cm}^3 = \underline{0.15}\text{ dm}^3$
 $0.015\text{ m}^3 = \underline{15\,000\,000}\text{ mm}^3$

c $780\text{ dm}^3 = \underline{78\,000}\text{ cl}$
 $78\text{ cm}^3 = \underline{0.078}\text{ l}$

d $4200\text{ dl} = \underline{420}\text{ dm}^3$
 $42\text{ cl} = \underline{420}\text{ cm}^3$

e $0.26\text{ m}^3 = \underline{260\,000}\text{ ml}$
 $2600\text{ mm}^3 = \underline{0.026}\text{ dl}$

f $3.07\text{ l} = \underline{3070}\text{ cm}^3$
 $37\text{ hl} = \underline{3.7}\text{ m}^3$

2. Ergänze das passende Zeichen (<, > oder =).

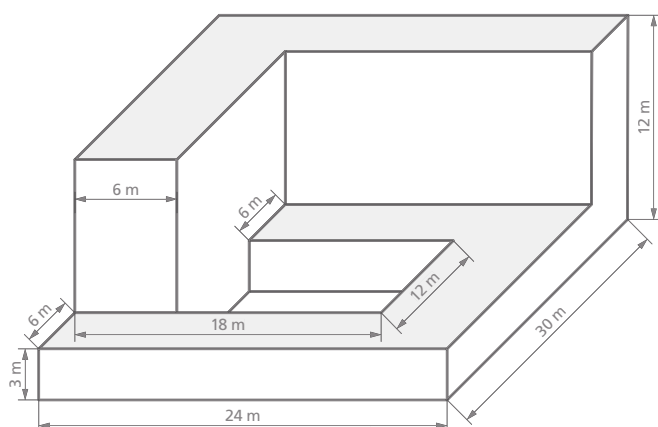
a $80\,400\text{ cm}^3$ < 0.084 m^3
 0.804 dm^3 > 8400 mm^3

b 5050 mm^3 < 50.5 cm^3
 $50\,500\text{ cm}^3$ < 0.505 m^3

c 2.6 m^3 < $20\,600\text{ l}$
 2.006 ml = 2006 mm^3

d 4.75 dm^3 < $47\,500\text{ cl}$
 40.75 l = $40\,750\text{ cm}^3$

3. Berechne das Volumen des Gebäudes.



Volumen: **3996 m³**