

MISURE DI VOLUME

1. Metti l'unità di misura.

a $2\ 500\ \text{dm}^3 = 2,5\ \text{m}^3$
 $12\ \text{cm}^3 = 12\ 000\ \text{mm}^3$
 $36\ \text{dm}^3 = 0,036\ \text{m}^3$
 $0,017\ \text{m}^3 = 17\ \text{dm}^3$
 $1,5\ \text{dm}^3 = 1\ 500\ \text{cm}^3$
 $0,34\ \text{dm}^3 = 340\ \text{cm}^3$

b $2\ 125\ \text{m}^3 = 2,125\ \text{dam}^3$
 $0,3\ \text{dm}^3 = 300\ \text{cm}^3$
 $6\ 890\ \text{mm}^3 = 6,890\ \text{dm}^3$
 $0,109\ \text{cm}^3 = 109\ \text{mm}^3$
 $2,12\ \text{m}^3 = 2\ 120\ \text{dm}^3$
 $45\ \text{m}^3 = 45\ 000\ \text{dm}^3$

2. Scrivi sotto forma di numero decimale, in base alla unità di misura indicata.

a $2\ \text{dm}^3 + 14\ \text{cm}^3 = 2,014\ \text{dm}^3$
 $65\ \text{m}^3 + 450\ \text{cm}^3 = 65,00045\ \text{dm}^3$
 $0,5\ \text{m}^3 + 1\ 145\ \text{cm}^3 = 501,145\ \text{dm}^3$
 $1,8\ \text{dm}^3 + 14\ 000\ \text{mm}^3 = 1814\ \text{cm}^3$

b $0,035\ \text{m}^3 + 115\ \text{cm}^3 = 35,115\ \text{dm}^3$
 $1,5\ \text{m}^3 + 24\ \text{dm}^3 = 1524\ \text{dm}^3$
 $1,05\ \text{dm}^3 + 4\ \text{cm}^3 = 1054\ \text{cm}^3$
 $0,150\ \text{m}^3 + 240\ \text{cm}^3 = 150240\ \text{dm}^3$

3. Completa le equivalenze.

a $1,45\ \text{m}^3 = 1450\ \text{dm}^3$
 $3\ 100\ \text{dm}^3 = 3,1\ \text{m}^3$
 $8\ 450\ \text{cm}^3 = 8,45\ \text{dm}^3$
 $6\ \text{dm}^3 = 0,006\ \text{m}^3$

b $0,015\ \text{m}^3 = 15\ \text{dm}^3$
 $5,568\ \text{dm}^3 = 5568\ \text{cm}^3$
 $45\ \text{dm}^3 = 0,045\ \text{m}^3$
 $0,15\ \text{cm}^3 = 150\ \text{mm}^3$

4. Esegui le operazioni.

a $627\ \text{cm}^3 + 0,027\ \text{dm}^3 = 0,654\ \text{dm}^3$
 $127\ \text{mm}^3 + 0,12\ \text{cm}^3 = 247\ \text{mm}^3$
 $12\ \text{dam}^3 + 10\ \text{m}^3 = 10012\ \text{dam}^3$
 $0,32\ \text{dm}^3 + 315\ \text{cm}^3 = 635\ \text{cm}^3$

b $148\ \text{m}^3 - 146\ \text{dm}^3 = 147,854\ \text{m}^3$
 $64,3\ \text{cm}^3 - 0,002\ \text{dm}^3 = 62,3\ \text{cm}^3$
 $13\ \text{dam}^3 - 10\ 000\ \text{m}^3 = 3000\ \text{m}^3$
 $140\ \text{mm}^3 - 0,0123\ \text{cm}^3 = 127,7\ \text{mm}^3$

c $45\ \text{m}^3 + 3\ 450\ \text{dm}^3 = 48,45\ \text{m}^3$
 $4,56\ \text{dm}^3 + 650\ \text{cm}^3 = 5,21\ \text{dm}^3$
 $0,046\ \text{m}^3 - 17\ \text{dm}^3 = 29\ \text{dm}^3$
 $1,015\ \text{dm}^3 - 857\ \text{cm}^3 = 158\ \text{cm}^3$

d $13,12\ \text{m}^3 + 7\ 300\ \text{dm}^3 = 20420\ \text{dm}^3$
 $0,019\ \text{dm}^3 + 97,12\ \text{cm}^3 = 116,12\ \text{cm}^3$
 $247\ \text{m}^3 - 132,1\ \text{dm}^3 = 246,8679\ \text{m}^3$
 $32,5\ \text{cm}^3 + 12\ 527\ \text{mm}^3 = 45027\ \text{mm}^3$

