

## Converting Volumes Answers

### Workout

1(a):  $1\text{m}^3$

1(b):  $100\text{cm}$

1(c):  $1,000,000\text{cm}^3$

1(d):  $1\text{m}^3 = 1,000,000\text{cm}^3$

2(a)  $3,000,000\text{cm}^3$

2(b)  $11,000,000\text{cm}^3$

2(c)  $80,000,000\text{cm}^3$

2(d)  $205,000,000\text{cm}^3$

2(e)  $500,000\text{cm}^3$

2(f)  $170,000\text{cm}^3$

2(g)  $6,000\text{cm}^3$

2(h)  $4,000,000,000\text{cm}^3$

3(a)  $7\text{m}^3$

3(b)  $33\text{m}^3$

3(c)  $190\text{m}^3$

3(d)  $0.2\text{m}^3$

3(e)  $0.045\text{m}^3$

3(f)  $1,000\text{m}^3$

4(a)  $1\text{cm}^3$

4(b)  $10\text{mm}$

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4(c)  $1,000\text{mm}^3$

4(d)  $1\text{cm}^3 = 1000\text{mm}^3$

5(a)  $6,000\text{mm}^3$

5(b)  $75,000\text{mm}^3$

5(c)  $300,000\text{mm}^3$

5(d)  $900\text{mm}^3$

5(e)  $10\text{mm}^3$

5(f)  $8\text{mm}^3$

5(g)  $27,520\text{mm}^3$

6(a)  $4\text{cm}^3$

6(b)  $88\text{cm}^3$

6(c)  $500\text{cm}^3$

6(d)  $0.3\text{cm}^3$

6(e)  $0.002\text{cm}^3$

6(f)  $0.1005\text{cm}^3$

6(g)  $60,000\text{cm}^3$

7:  $2,000,000,000\text{mm}^3$

8(a)  $2,000\text{cm}^3$

8(b)  $9,000\text{cm}^3$

8(c)  $30,000\text{cm}^3$

8(d)  $18,000\text{cm}^3$

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8(e)  $400\text{cm}^3$

8(f)  $500\text{cm}^3$

8(g)  $7,500,000\text{cm}^3$

8(h)  $330\text{cm}^3$

8(i)  $15\text{cm}^3$

8(j)  $7.5\text{cm}^3$

8(k)  $1\text{cm}^3$

9(a) 5 litres

9(b) 2.4 litres

9(c) 20 litres

9(d) 0.4 litres (or 400ml)

### **Apply**

1: There are  $1,000,000\text{cm}^3$  in  $1\text{m}^3$ , not 100.

2: C, B, A

3: 8 minutes

4:  $2400\text{cm}^2$