

## Converting Areas - Answers

Workout

1(a):  $6\text{m}^2$

1(b):  $300\text{cm}$

1(c):  $200\text{cm}$

1(d)  $60000\text{cm}^2$

1(e)  $1\text{m}^2 = 10000\text{cm}^2$

2(a):  $50000\text{cm}^2$

2(b):  $90000\text{cm}^2$

2(c):  $250000\text{cm}^2$

2(d):  $1040000\text{cm}^2$

2(e):  $7000\text{cm}^2$

2(f):  $43000\text{cm}^2$

2(g):  $900\text{cm}^2$

2(h):  $602000\text{cm}^2$

3(a)  $4\text{m}^2$

3(b)  $7\text{m}^2$

3(c)  $18\text{m}^2$

3(d)  $60\text{m}^2$

3(e)  $3830\text{m}^2$

3(f)  $0.25\text{m}^2$

3(g)  $0.09\text{m}^2$

3(h)  $0.4421\text{m}^2$

3(i)  $0.0012\text{m}^2$

4(a)  $15\text{cm}^2$

4(b)  $50\text{mm}$

4(c)  $30\text{mm}$

4(d)  $1500\text{mm}^2$

4(e)  $1\text{cm}^2 = 100\text{mm}^2$

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5(a)  $200\text{mm}^2$

5(b)  $800\text{mm}^2$

5(c)  $3500\text{mm}^2$

5(d)  $73000\text{mm}^2$

5(e)  $60\text{mm}^2$

5(f)  $140\text{mm}^2$

5(g)  $3\text{mm}^2$

5(h)  $5.7\text{mm}^2$

6(a)  $5\text{cm}^2$

6(b)  $4\text{cm}^2$

6(c)  $22\text{cm}^2$

6(d)  $80\text{cm}^2$

6(e)  $910\text{cm}^2$

6(f)  $0.2\text{cm}^2$

6(g)  $0.17\text{cm}^2$

6(h)  $0.05\text{cm}^2$

6(i)  $0.003\text{cm}^2$

7:  $6,000,000\text{mm}^2$

### Apply

1: Shape B, Shape A, Shape C

2: There are  $10000\text{cm}^2$  in  $1\text{m}^2$  (not 100), so the answer is  $0.08\text{m}^2$

3: £1020