

## Worksheet 2.B

## Significant Figures – Multiplication &amp; Division

1.  $1.2 \text{ cm} \times 1.3 \text{ cm} = 1.6 \text{ cm}^2$
2.  $32.88 \text{ m}^2 / 4.388 \text{ m} = 7.493 \text{ m}$
3.  $8.4 \text{ cm} \times 3.58 \text{ cm} = 30. \text{ cm}^2$
4.  $35.068 \text{ km}^4 / 5.7 \text{ km} = 6.2 \text{ km}^3$
5.  $3.0 \text{ cm} \times 4.000 \text{ cm} = 12 \text{ cm}^2$
6.  $0.0045 \text{ mm}^2 / .90 \text{ mm} = .0050 \text{ mm}$
7.  $1.45 \text{ m} \times 2.2 \text{ m} = 3.2 \text{ m}^2$
8.  $84.99 \text{ m}^2 / 2.63 \text{ m} = 32.3 \text{ m}$
9.  $3.0899 \text{ mm} \times 22.4 \text{ mm} = 69.2 \text{ mm}^2$
10.  $0.00826 \text{ cm}^3 / 0.00033 \text{ cm} = 25 \text{ cm}^2$
11.  $2.005 \text{ cm} \times 5.0 \text{ cm} = 10. \text{ cm}^2$
12.  $120 \text{ km}^2 / 8.56 \text{ km} = 14 \text{ km}$
13.  $2.55 \text{ mm} \times 1.33 \text{ mm} = 3.39 \text{ mm}^2$
14.  $9.9 \text{ mm}^5 / 3.4484 \text{ mm} = 2.9 \text{ mm}^4$
15.  $0.00457 \text{ cm} \times 0.18 \text{ cm} = .00082 \text{ cm}^2$
16.  $0.005600 \text{ mm}^2 / 0.200 \text{ mm} = .0280 \text{ mm}$
17.  $400 \text{ m} \times 87.488 \text{ m} = 30\,000 \text{ m}^2$
18.  $0.7600 \text{ m}^4 / 1.50 \text{ m}^2 = .507 \text{ m}^2$
19.  $10.00 \text{ m} \times 84.767 \text{ m} = 847.7 \text{ m}^2$
20.  $3.4500 \text{ cm}^5 / 450 \text{ cm}^3 = .0077 \text{ cm}^2$