

E Michaelmas Unit Conversion

1 inch = 2.54 cm

1 metre = 1.0936 yards

1 metre = 3.2808 feet

1 yard = 3 feet

1 mile = 1600 metres

2.2 lb (pound) = 1 kg

14 lb = 1 stone

16 ounces = 1 pound

1 ml = 1 cm³

1 litre = 1000 cm³

Convert the following units

1. 3000 cm² to m².

0.3 m²

2. 4 m/s to miles/hour.

9

3. 30 inch²/hour to cm²/s.

0.053763

4. 30 inch/hour² to cm/s².

5.88 × 10⁻⁶

5. 4.5 kg/m³ to g/cm³.

0.0045

6. 90 lb/inch³ to kg/cm³.

2.496

7. 2000 m³/s to km³/day.

0.1728

8. 16 kg m/s² to lb mm / min².

126, 720, 000

9. 17 min kg⁻¹ m⁻² to s g⁻¹ cm⁻².

1.02 × 10⁻⁴