

Physical Science
English/Metric Length Conversions

Name: _____ Block: ____

1. 500 cm = _____ in

2. 20 in = _____ cm

$$500 \text{ cm} \times \frac{\boxed{\text{in}}}{\boxed{\text{cm}}} = \quad \text{in}$$

3. 5 m = _____ in

4. 0.5 cm = _____ in

5. 1 yd = _____ cm
(hint: convert yards to inches first)

6. 12 in = _____ m

7. 1 m = _____ ft
(hint: convert to inches, then ft)

8. 18 ft = _____ m

9. 1 in = _____ mm

10. 1 yd = _____ m

Level 1:

11. 1 mile = _____ km
(hint: 1 mile is 5280 ft)

12. 1 square mile = _____ km²