

## Sec 8.1 Linear Measures: American Units

Complete.

1) 132 in. = \_\_\_ ft

6) 66 ft = \_\_\_ yd

2) 3.6 mi = \_\_\_ ft

7) 21 yd = \_\_\_ in.

3) 26,400 ft = \_\_\_ mi

8) 216 in. = \_\_\_ yd

4)  $3\frac{1}{3}$  ft = \_\_\_ in.

9) 9 mi = \_\_\_ yd

5) 18 yd = \_\_\_ ft

10) 14,080 yd = \_\_\_ mi

## Sec 8.2 Linear Measures: The Metric Units

11)  $87 \text{ km} = \underline{\hspace{1cm}} \text{ m}$

16)  $848 \text{ mm} = \underline{\hspace{1cm}} \text{ cm}$

12)  $9.16 \text{ m} = \underline{\hspace{1cm}} \text{ cm}$

17)  $99.5 \text{ dm} = \underline{\hspace{1cm}} \text{ m}$

13)  $53.39 \text{ m} = \underline{\hspace{1cm}} \text{ mm}$

18)  $472 \text{ cm} = \underline{\hspace{1cm}} \text{ m}$

14)  $40.79 \text{ m} = \underline{\hspace{1cm}} \text{ dm}$

19)  $75.78 \text{ m} = \underline{\hspace{1cm}} \text{ km}$

15)  $50.55 \text{ dam} = \underline{\hspace{1cm}} \text{ m}$

20)  $43.74 \text{ mm} = \underline{\hspace{1cm}} \text{ m}$