

EXTRA PRACTICE 24
Systems of Linear Measurement
Use after Section 9.1

Name _____

Complete.

1.) 15 ft = _____ in.) 2.) 37 ft = _____ in.) 3.) 43 yd = _____ ft

4.) 126 yd = _____ ft 5.) 126 ft = _____ yd 6.) 39 in = _____ ft

7.) 4 mi = _____ ft 8.) 6 yd = _____ in.) 9.) 10,560 ft = _____ mi

10.) 9 in. = _____ ft 11.) 2 ft = _____ yd 12.) 5 mi = _____ yd

13.) 9 in. = _____ yd 14.) 30 in. = _____ ft 15.) 14 ft = _____ yd

16.) 10 mi = _____ ft 17.) 0.1 mi = _____ ft 18.) $\frac{1}{2}$ mi = _____ ft

19.) $\frac{3}{4}$ yd = _____ ft 20.) 0.25 ft = _____ in.) 21.) 1760 ft = _____ mi

22.) 1000 yd = _____ ft 23.) 300 ft = _____ yd 24.) 6 in. = _____ yd

25.) 4 in. = _____ ft 26.) 72 in. = _____ yd 27.) $1\frac{1}{2}$ ft = _____ yd

28.) 36 yd = _____ ft 29.) 18,480 ft = _____ mi 30.) 37 ft = _____ yd

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Name _____

Complete.) Remember for conversions in the metric system you need only move decimal points.)

31.) $5.3 \text{ km} = \underline{\hspace{2cm}} \text{ m}$ 32.) $0.6 \text{ km} = \underline{\hspace{2cm}} \text{ m}$ 33.) $30 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

34.) $8.9 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ 35.) $567 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$ 36.) $30 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

37.) $152 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$ 38.) $675 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 39.) $38 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

40.) $10 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ 41.) $15.25 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$ 42.) $98 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

43.) $19427 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 44.) $41 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 45.) $62 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

46.) $8 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$ 47.) $459 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$ 48.) $45.9 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

49.) $77.5 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ 50.) $0.6 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ 51.) $0.007 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

52.) $5 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$ 53.) $10 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 54.) $520 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

55.) $0.42 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$ 56.) $0.5 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$ 57.) $0.25 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

58.) $5280 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$ 59.) $16417 \text{ m} = \underline{\hspace{2cm}} \text{ km}$ 60.) $9423 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$