

This self-test may be taken only after you have completed all of the exercises indicated on your course-content/pacing sheet.

SELF-TEST REVIEW
FOR TEST 6: MEASUREMENT

042103

- 1) 7 yd. = ____ in.
- 2) 3 hr. = ____ sec.
- 3) 9 in. = ____ yd.
- 4) 1440 sec. = ____ da.

SUBTRACT:

- 5) 66 lb. - 8 lb. 7 oz.
- 6) 53 lb. - 7 lb. 6 oz.

ADD:

- 7) 31 ft. 8 in. + 2 ft. 5 in.
- 8) 7 ft. 3 in. + 3 ft. 9 in. + 5 in.

DETERMINE EACH OF THE FOLLOWING AND LABEL YOUR ANSWERS (9-15):

- 9) Perimeter of a rectangle with:
Length = 3.5 in.
Width = 7 in.
- 10) Area of a rectangle with:
Length = 3.5 in.
Width = 7 in.
- 11) Area of a triangle with:
Base = 3.6 in.
Height = 8 in.
- 12) Circumference of a circle with:
Diameter = 8 in.
- 13) Area of a circle with:
Radius = 10 in.

- 14) Volume of a rectangular solid with:
Length = 2.3 in.
Width = 7 in.
Height = 8 in.
- 15) Volume of a cylinder with:
Radius = 5 in.
Height = 2.4 in.

- 16) If grass seed costs \$1.40 per lb., and if 1 lb. will cover 160 sq. ft., what will it cost to seed a lawn 55 ft. wide and 80 ft. long?
- 17) What is the difference between the area of a square, 4 ft. on a side (4 ft. square) and 4 sq. ft.?
- 18) 4724 ml = ____ hl
- 19) .32 dag = ____ dg
- 20) 1234 dm = ____ km

ANSWERS:

- 1) 252
- 2) 10800
- 3) $\frac{1}{4}$
- 4) $\frac{1}{60}$
- 5) 57 lb. 9 oz.
- 6) 45 lb. 10 oz.
- 7) 34 ft. 1 in.
- 8) 11 ft. 5 in.
- 9) 21 in.
- 10) 24.5 sq. in.
- 11) 14.4 sq. in.
- 12) 25.12 in.
- 13) 314 sq. in.
- 14) 128.8 cu. in.
- 15) 188.4 cu. in.
- 16) \$38.50
- 17) 12 sq. ft.
- 18) .04724
- 19) 32
- 20) .1234