Chapter 8: Measurement Practice Test
Answer Section

SHORT ANSWER

1. ANS:
   46 in.

   REF: 8-1 Perimeter and Area of a Rectangle
2. ANS:
   200 ft^2

   REF: 8-2 Perimeter and Area of a Parallelogram
3. ANS:
   8

   REF: 8-3 Perimeter and Area of a Triangle
4. ANS:
   1,200 ft^2

   REF: 8-2 Perimeter and Area of a Parallelogram
5. ANS:
   912 cm^2

   REF: 8-2 Perimeter and Area of a Parallelogram
6. ANS:
   86.1 yd^2

   REF: 8-3 Perimeter and Area of a Triangle
7. ANS:
   42.34 mi^2

   REF: 8-3 Perimeter and Area of a Triangle
8. ANS:
   6,900 ft^2

   REF: 8-3 Perimeter and Area of a Triangle
9. ANS:
   25.12 in.

   REF: 8-4 Circumference and Area of a Circle
10. ANS:
    34.54 cm

    REF: 8-4 Circumference and Area of a Circle

11. ANS:
    25.48 ft

    REF: 8-4 Circumference and Area of a Circle
12. ANS:
    153.86 m^2

    REF: 8-4 Circumference and Area of a Circle
13. ANS:
    467.36 m^2

    REF: 8-4 Circumference and Area of a Circle
14. ANS:
    triangular pyramid

    REF: 8-5 Three-Dimensional Figures
15. ANS:
    cube

    REF: 8-5 Three-Dimensional Figures
16. ANS:
    hexagonal prism

    REF: 8-5 Three-Dimensional Figures
17. ANS:
    426 m^2

    REF: 8-6 Surface Areas of Prisms and Cylinders
18. ANS:
    1,232 m^2

    REF: 8-6 Surface Areas of Prisms and Cylinders
19. ANS:
    412 cm^2

    REF: 8-6 Surface Areas of Prisms and Cylinders
20. ANS:
    783.7 cm^2

    REF: 8-6 Surface Areas of Prisms and Cylinders
21. ANS:
    8 m^3

    REF: 8-7 Volumes of Prisms and Cylinders
22. ANS:
    3 cm

    REF: 8-7 Volumes of Prisms and Cylinders

23. ANS:
    1,055.04 ft^3

    REF: 8-7 Volumes of Prisms and Cylinders