PRACTICE

Chapter 11
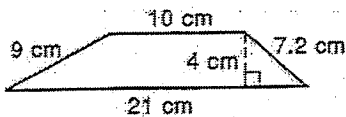
for pages 352–353

Trapezoids

Born in Russia in 1840, he went on to win international fame as a composer. His symphonies and ballets make him one of the best-known composers in music even a century after his death. Who is he?
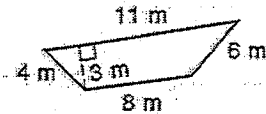
To find out, write the area and the perimeter of each trapezoid. Then use the letters next to your answers to spell this composer's name.
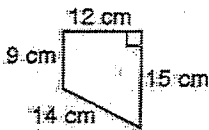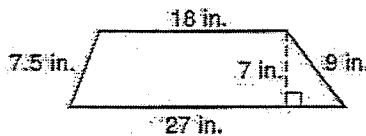
1. area _____ S

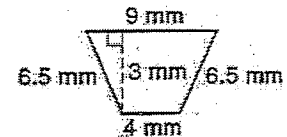   perimeter _____ B
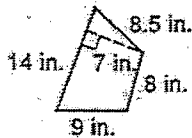
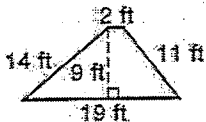2. area _____ C

   perimeter _____ H

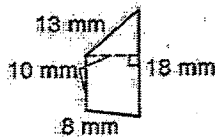3. area _____ L

   perimeter _____ K

4. area _____ K

   perimeter _____ G

5. area _____ J

   perimeter _____ Y
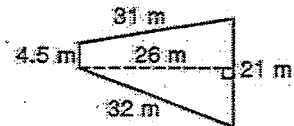
6. area _____ O

   perimeter _____ F
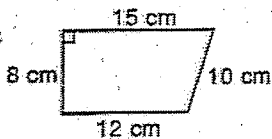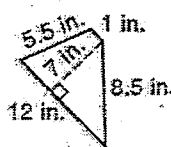
7. area _____ U

   perimeter _____ A

8. area _____ T

   perimeter _____ M
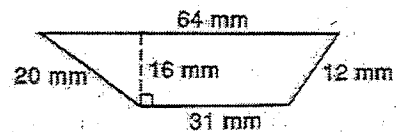
9. area _____ W

   perimeter _____ E

10. area _____ H

    perimeter _____ P

11. area _____ V

    perimeter _____ R

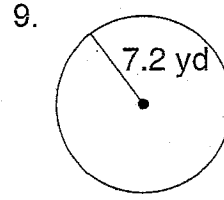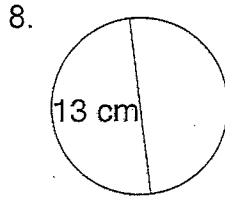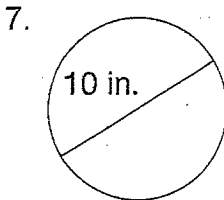12. area _____ D

    perimeter _____ I

The composer's name is

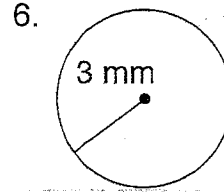_____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____
140   77   108   46   127   144   19.5   45.5   62   144   61.5

Area and Circumference of Circles REVIEW

Find the area and circumference of each circle to the nearest tenth. Use 3.14 for π.

1.

6 m

_____

2.

8 ft

_____

3.

7 yd

_____

4.

5 cm

_____

5.

11 in.

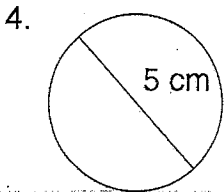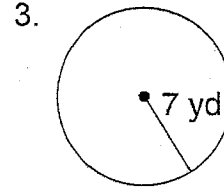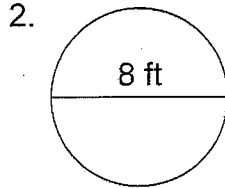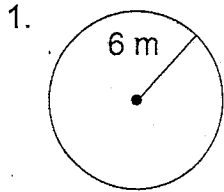_____

6.

3 mm

_____

7.

10 in.

_____

8.

13 cm

_____

9.

7.2 yd

_____
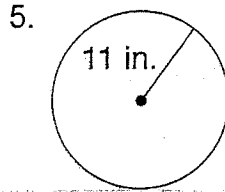
10. A Susan B. Anthony dollar coin has a diameter of
26.50 millimeters. What is the area of the coin to
the nearest hundredth?

_____

11. A tablecloth for a round table has a radius of 21 inches.

What is the area of the tablecloth? Use $\dfrac{22}{7}$ for π.

_____

12. Use a centimeter ruler to measure the radius of
the circle. Then find the area of the shaded region
of the circle. Use 3.14 for π. Round your answer
to the nearest tenth.

_____