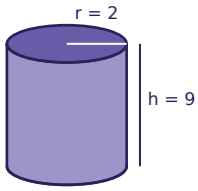
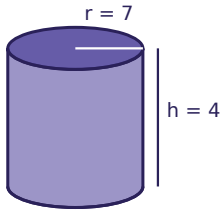
Task card 1 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 2 and height 9. Use π ≈ 3.14.



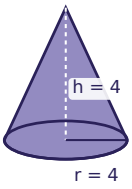
Task card 2 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 7 and height 4. Use π ≈ 3.14.



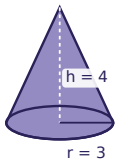
Task card 3 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 4 and height 4. Use π ≈ 3.14.



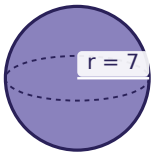
Task card 4 Volume & Surface Area of Cylinders...

Find the surface area of a cone with radius 3, height 4, and slant height 5. Use π ≈ 3.14.



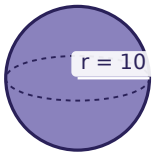
Task card 5 Volume & Surface Area of Cylinders...

Find the volume of a sphere with radius 7. Use π ≈ 3.14.



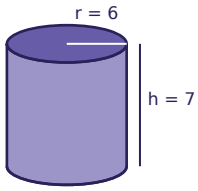
Task card 6 Volume & Surface Area of Cylinders...

Find the surface area of a sphere with radius 10. Use π ≈ 3.14.



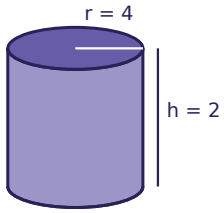
Task card 7 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 6 and height 7. Use π ≈ 3.14.



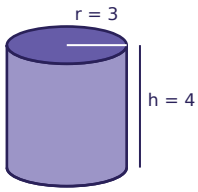
Task card 8 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 4 and height 2. Use π ≈ 3.14.



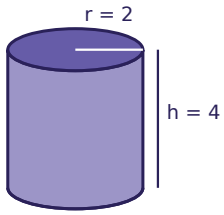
Task card 9 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 3 and height 4. Use π ≈ 3.14.



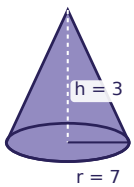
Task card 10 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 2 and height 4. Use π ≈ 3.14.



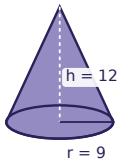
Task card 11 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 7 and height 3. Use π ≈ 3.14.



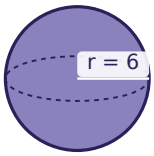
Task card 12 Volume & Surface Area of Cylinders...

Find the surface area of a cone with radius 9, height 12, and slant height 15. Use π ≈ 3.14.



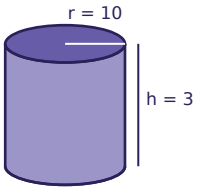
Task card 13 Volume & Surface Area of Cylinders...

Find the surface area of a sphere with radius 6. Use π ≈ 3.14.



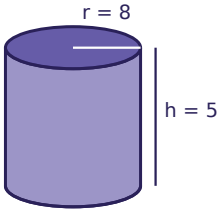
Task card 14 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 10 and height 3. Use π ≈ 3.14.



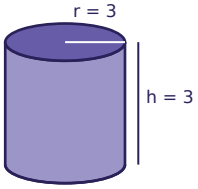
Task card 15 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 8 and height 5. Use π ≈ 3.14.



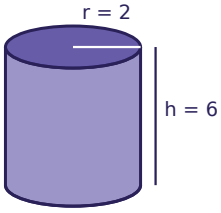
Task card 16 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 3 and height 3. Use π ≈ 3.14.



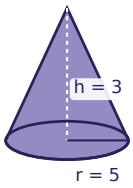
Task card 17 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 2 and height 6. Use π ≈ 3.14.



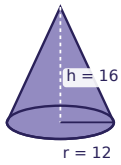
Task card 18 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 5 and height 3. Use π ≈ 3.14.



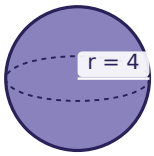
Task card 19 Volume & Surface Area of Cylinders...

Find the surface area of a cone with radius 12, height 16, and slant height 20. Use π ≈ 3.14.



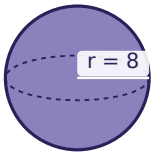
Task card 20 Volume & Surface Area of Cylinders...

Find the volume of a sphere with radius 4. Use π ≈ 3.14.



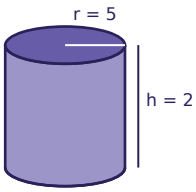
Task card 21 Volume & Surface Area of Cylinders...

Find the surface area of a sphere with radius 8. Use π ≈ 3.14.



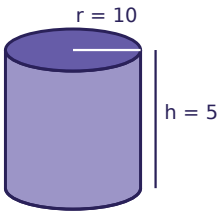
Task card 22 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 5 and height 2. Use π ≈ 3.14.



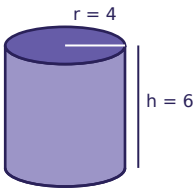
Task card 23 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 10 and height 5. Use π ≈ 3.14.



Task card 24 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 4 and height 6. Use π ≈ 3.14.



Volume & Surface Area of Cylinders, Cones & Spheres (Mixed Review) Task Cards

Recording sheet · Grade 10 · Use π ≈ 3.14. Round to one decimal place.

Scan to check your answers

Name: _____ Date: _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Volume & Surface Area of Cylinders, Cones & Spheres (Mixed Review) Task Cards: Answer Key

Grade 10 · Hard

The answers online

1. 113.0	**2.** 483.6	**3.** 67.0
4. 75.4	**5.** 1436.0	**6.** 1256.0
7. 791.3	**8.** 150.7	**9.** 113.0
10. 75.4	**11.** 153.9	**12.** 678.2
13. 452.2	**14.** 942.0	**15.** 653.1
16. 84.8	**17.** 100.5	**18.** 78.5
19. 1205.8	**20.** 267.9	**21.** 803.8
22. 157.0	**23.** 942.0	**24.** 301.4