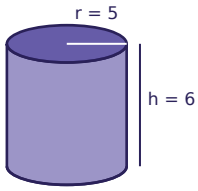
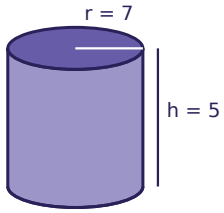
Task card 1 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 5 and height 6. Use π ≈ 3.14.



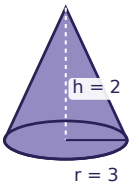
Task card 2 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 7 and height 5. Use π ≈ 3.14.



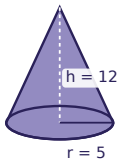
Task card 3 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 3 and height 2. Use π ≈ 3.14.



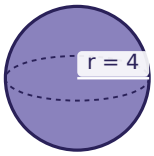
Task card 4 Volume & Surface Area of Cylinders...

Find the surface area of a cone with radius 5, height 12, and slant height 13. Use π ≈ 3.14.



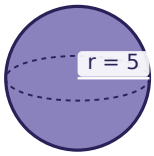
Task card 5 Volume & Surface Area of Cylinders...

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



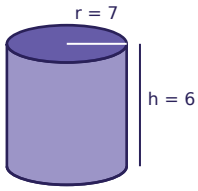
Task card 6 Volume & Surface Area of Cylinders...

Find the surface area of a sphere with radius 5. Use π ≈ 3.14.



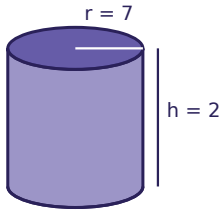
Task card 7 Volume & Surface Area of Cylinders...

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



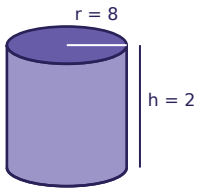
Task card 8 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 7 and height 2. Use π ≈ 3.14.



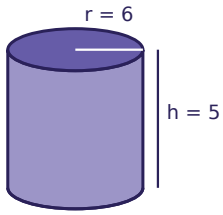
Task card 9 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 8 and height 2. Use π ≈ 3.14.



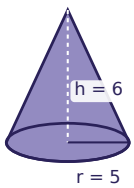
Task card 10 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 6 and height 5. Use π ≈ 3.14.



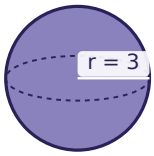
Task card 11 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 5 and height 6. Use π ≈ 3.14.



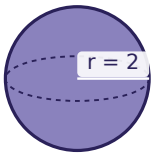
Task card 12 Volume & Surface Area of Cylinders...

Find the volume of a sphere with radius 3. Use π ≈ 3.14.



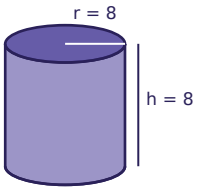
Task card 13 Volume & Surface Area of Cylinders...

Find the surface area of a sphere with radius 2. Use π ≈ 3.14.



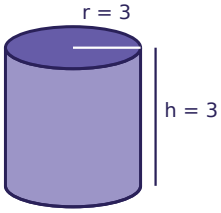
Task card 14 Volume & Surface Area of Cylinders...

Find the volume of a cylinder with radius 8 and height 8. Use π ≈ 3.14.



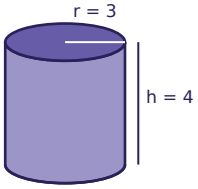
Task card 15 Volume & Surface Area of Cylinders...

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



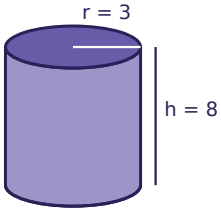
Task card 16 Volume & Surface Area of Cylinders...

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



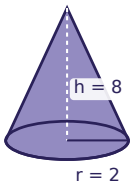
Task card 17 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 3 and height 8. Use π ≈ 3.14.



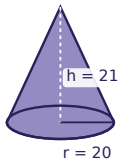
Task card 18 Volume & Surface Area of Cylinders...

Find the volume of a cone with radius 2 and height 8. Use π ≈ 3.14.



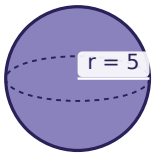
Task card 19 Volume & Surface Area of Cylinders...

Find the surface area of a cone with radius 20, height 21, and slant height 29. Use π ≈ 3.14.



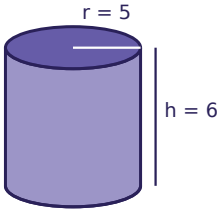
Task card 20 Volume & Surface Area of Cylinders...

Find the volume of a sphere with radius 5. Use π ≈ 3.14.



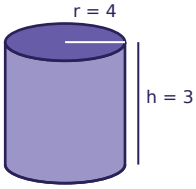
Task card 21 Volume & Surface Area of Cylinders...

Find the surface area of a cylinder with radius 5 and height 6. Use π ≈ 3.14.



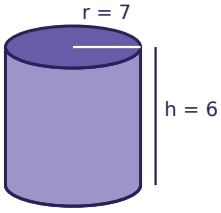
Task card 22 Volume & Surface Area of Cylinders...

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



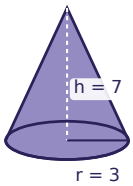
Task card 23 Volume & Surface Area of Cylinders...

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



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

Find the volume of a cone with radius 3 and height 7. 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 · Medium

The answers online

1. 471.0	**2.** 527.5	**3.** 18.8
4. 282.6	**5.** 267.9	**6.** 314.0
7. 923.2	**8.** 395.6	**9.** 401.9
10. 414.5	**11.** 157.0	**12.** 113.0
13. 50.2	**14.** 1607.7	**15.** 113.0
16. 113.0	**17.** 207.2	**18.** 33.5
19. 3077.2	**20.** 523.3	**21.** 345.4
22. 150.7	**23.** 571.5	**24.** 65.9