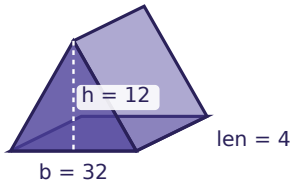
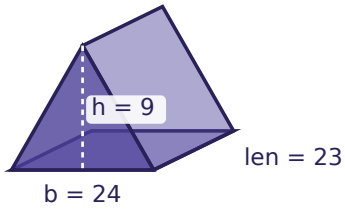
Task card 1 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 20 inches. Find the surface area in square inches.



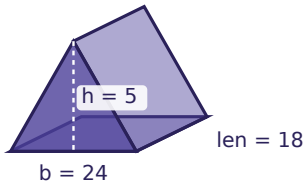
Task card 2 Surface Area of Triangular Prisms

The prism is measured in centimeters. Each slanted side of the triangle is 15 centimeters. Find the surface area in square centimeters.



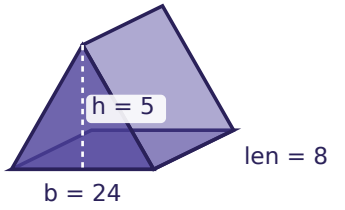
Task card 3 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 13 inches. Find the surface area in square inches.



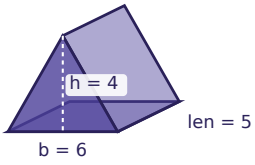
Task card 4 Surface Area of Triangular Prisms

The prism is measured in centimeters. Each slanted side of the triangle is 13 centimeters. Find the surface area in square centimeters.



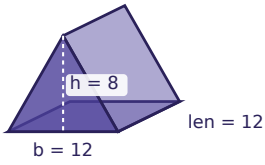
Task card 5 Surface Area of Triangular Prisms

The prism is measured in feet. Each slanted side of the triangle is 5 feet. Find the surface area in square feet.



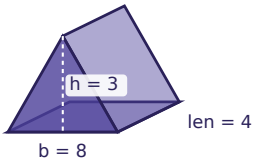
Task card 6 Surface Area of Triangular Prisms

The prism is measured in feet. Each slanted side of the triangle is 10 feet. Find the surface area in square feet.



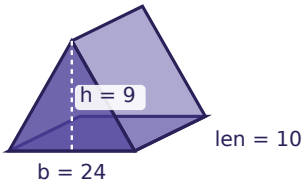
Task card 7 Surface Area of Triangular Prisms

The prism is measured in feet. Each slanted side of the triangle is 5 feet. Find the surface area in square feet.



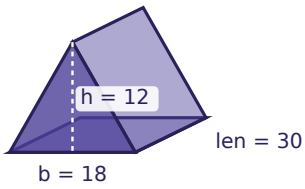
Task card 8 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 15 inches. Find the surface area in square inches.



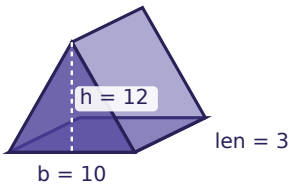
Task card 9 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 15 meters. Find the surface area in square meters.



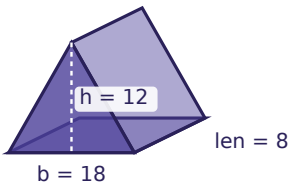
Task card 10 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 13 inches. Find the surface area in square inches.



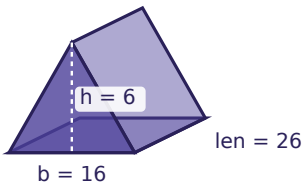
Task card 11 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 15 meters. Find the surface area in square meters.



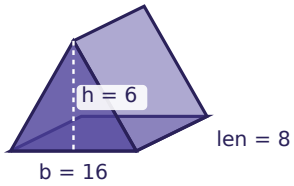
Task card 12 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 10 meters. Find the surface area in square meters.



Task card 13 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 10 inches. Find the surface area in square inches.



Task card 14 Surface Area of Triangular Prisms

A tent is shaped like a triangular prism. The triangle has a base of 24 feet, a height of 5 feet and slanted sides of 13 feet. The tent is 11 feet long. How many square feet of fabric cover it, floor included?

Task card 15 Surface Area of Triangular Prisms

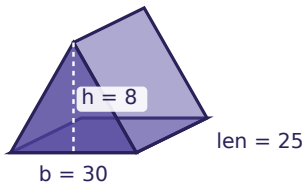
A tent is shaped like a triangular prism. The triangle has a base of 14 centimeters, a height of 24 centimeters and slanted sides of 25 centimeters. The tent is 15 centimeters long. How many square centimeters of fabric cover it, floor included?

Task card 16 Surface Area of Triangular Prisms

A tent is shaped like a triangular prism. The triangle has a base of 8 feet, a height of 3 feet and slanted sides of 5 feet. The tent is 20 feet long. How many square feet of fabric cover it, floor included?

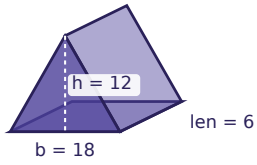
Task card 17 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 17 inches. Find the surface area in square inches.



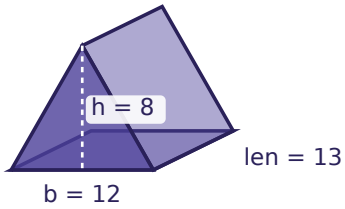
Task card 18 Surface Area of Triangular Prisms

The prism is measured in feet. Each slanted side of the triangle is 15 feet. Find the surface area in square feet.



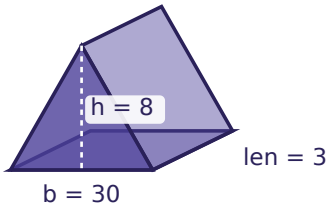
Task card 19 Surface Area of Triangular Prisms

The prism is measured in centimeters. Each slanted side of the triangle is 10 centimeters. Find the surface area in square centimeters.



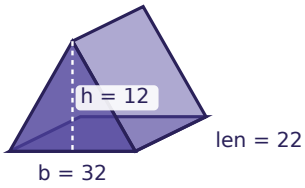
Task card 20 Surface Area of Triangular Prisms

The prism is measured in centimeters. Each slanted side of the triangle is 17 centimeters. Find the surface area in square centimeters.



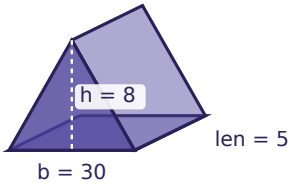
Task card 21 Surface Area of Triangular Prisms

The prism is measured in inches. Each slanted side of the triangle is 20 inches. Find the surface area in square inches.



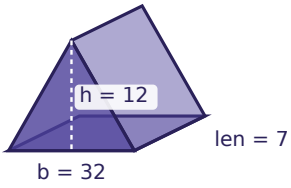
Task card 22 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 17 meters. Find the surface area in square meters.



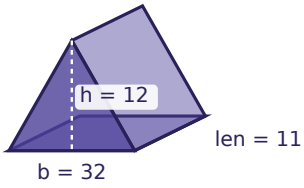
Task card 23 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 20 meters. Find the surface area in square meters.



Task card 24 Surface Area of Triangular Prisms

The prism is measured in meters. Each slanted side of the triangle is 20 meters. Find the surface area in square meters.



Surface Area of Triangular Prisms Task Cards

Recording sheet · Grade 7 · Find each surface area: 2 triangles + 3 rectangles.

Name: _____ Date: _____

Scan to check your answers

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

Surface Area of Triangular Prisms Task Cards: Answer Key

Grade 7 · Hard

The answers online

1. 672	**2.** 1458	**3.** 1020
4. 520	**5.** 104	**6.** 480
7. 96	**8.** 756	**9.** 1656
10. 228	**11.** 600	**12.** 1032
13. 384	**14.** 670	**15.** 1296
16. 384	**17.** 1840	**18.** 504
19. 512	**20.** 432	**21.** 1968
22. 560	**23.** 888	**24.** 1176