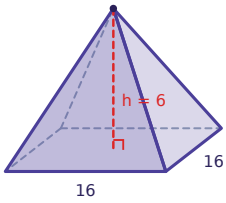
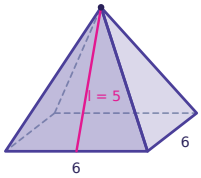
Task card 1 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid. (Find the slant height first.)



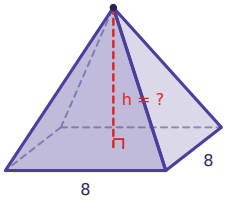
Task card 2 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



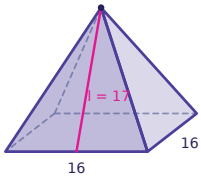
Task card 3 Pyramids & Prisms: Volume and Surf...

A square pyramid has a base edge of 8 and a volume of 128. Find its height.



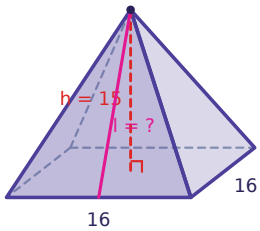
Task card 4 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid.



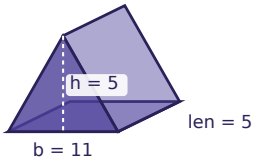
Task card 5 Pyramids & Prisms: Volume and Surf...

Find the slant height l of the square pyramid.



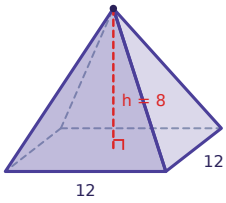
Task card 6 Pyramids & Prisms: Volume and Surf...

A triangular prism has a triangular base with base 11 and height 5. The prism is 5 long. Find its volume.



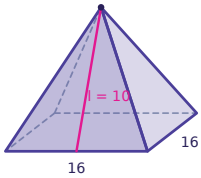
Task card 7 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid. (Find the slant height first.)



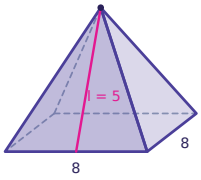
Task card 8 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



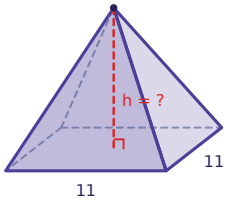
Task card 9 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



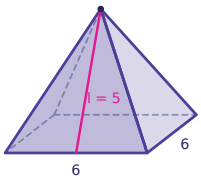
Task card 10 Pyramids & Prisms: Volume and Surf...

A square pyramid has a base edge of 11 and a volume of 121. Find its height.



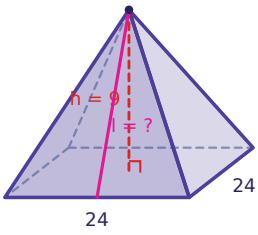
Task card 11 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid.



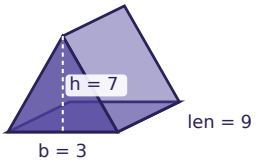
Task card 12 Pyramids & Prisms: Volume and Surf...

Find the slant height l of the square pyramid.



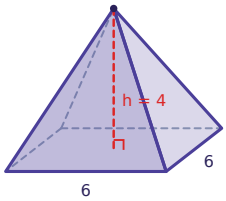
Task card 13 Pyramids & Prisms: Volume and Surf...

A triangular prism has a triangular base with base 3 and height 7. The prism is 9 long. Find its volume.



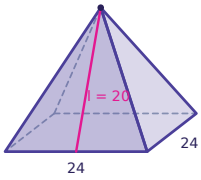
Task card 14 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid. (Find the slant height first.)



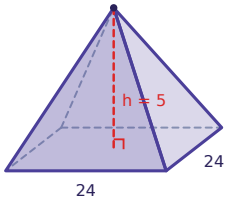
Task card 15 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



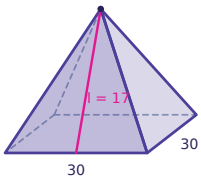
Task card 16 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid. (Find the slant height first.)



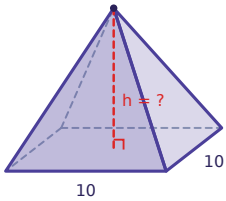
Task card 17 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



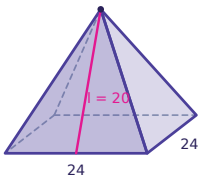
Task card 18 Pyramids & Prisms: Volume and Surf...

A square pyramid has a base edge of 10 and a volume of 500. Find its height.



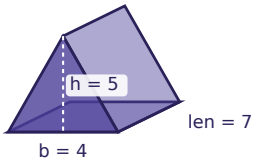
Task card 19 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid.



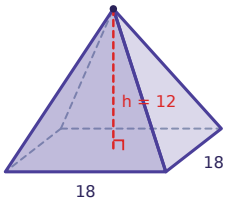
Task card 20 Pyramids & Prisms: Volume and Surf...

A triangular prism has a triangular base with base 4 and height 5. The prism is 7 long. Find its volume.



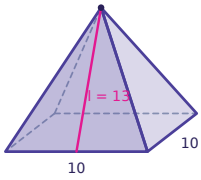
Task card 21 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid. (Find the slant height first.)



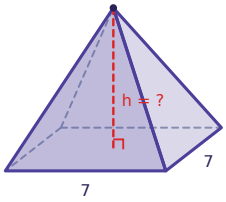
Task card 22 Pyramids & Prisms: Volume and Surf...

Find the volume of the square pyramid. (Find the height first.)



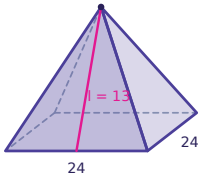
Task card 23 Pyramids & Prisms: Volume and Surf...

A square pyramid has a base edge of 7 and a volume of 196. Find its height.



Task card 24 Pyramids & Prisms: Volume and Surf...

Find the total surface area of the square pyramid.



Pyramids & Prisms: Volume and Surface Area Task Cards

Recording sheet · Grade 10 · Round to the nearest tenth when the answer is not a whole number.

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

Pyramids & Prisms: Volume and Surface Area Task Cards: Answer Key

Grade 10 · Hard

The answers online

1. 576	**2.** 48	**3.** 6
4. 800	**5.** 17	**6.** 137.5
7. 384	**8.** 512	**9.** 64
10. 3	**11.** 96	**12.** 15
13. 94.5	**14.** 96	**15.** 3072
16. 1200	**17.** 2400	**18.** 15
19. 1536	**20.** 70	**21.** 864
22. 400	**23.** 12	**24.** 1200