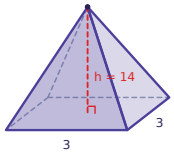
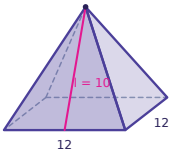
Pyramids & Prisms: Volume and Surface Area · 1

## Find the volume of the square pyramid.



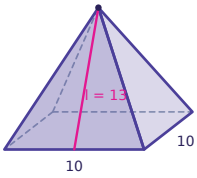

Pyramids & Prisms: Volume and Surface Area · 2

## Find the lateral area of the square pyramid.



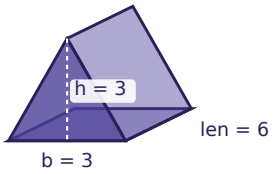

Pyramids & Prisms: Volume and Surface Area · 3

## Find the total surface area of the square pyramid.



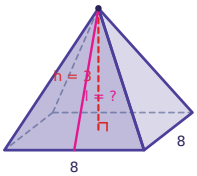

Pyramids & Prisms: Volume and Surface Area · 4

A triangular prism has a triangular base with base 3 and height 3. The prism is 6 long. Find its volume.



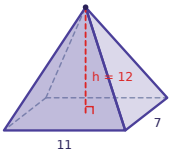

Pyramids & Prisms: Volume and Surface Area · 5

## Find the slant height l of the square pyramid.



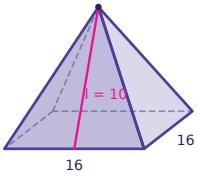

Pyramids & Prisms: Volume and Surface Area · 6

## Find the volume of the rectangular pyramid.



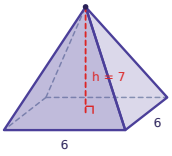

Pyramids & Prisms: Volume and Surface Area · 7

## Find the total surface area of the square pyramid.




Pyramids & Prisms: Volume and Surface Area · 8

## Find the volume of the square pyramid.



Pyramids & Prisms: Volume and Surface Area · 2

**ANSWER**

**240**

Pyramids & Prisms: Volume and Surface Area · 1

**ANSWER**

**42**

Pyramids & Prisms: Volume and Surface Area · 4

**ANSWER**

**27**

Pyramids & Prisms: Volume and Surface Area · 3

**ANSWER**

**360**

Pyramids & Prisms: Volume and Surface Area · 6

**ANSWER**

**308**

Pyramids & Prisms: Volume and Surface Area · 5

**ANSWER**

**5**

Pyramids & Prisms: Volume and Surface Area · 8

**ANSWER**

**84**

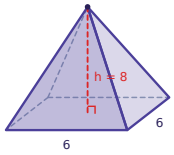
Pyramids & Prisms: Volume and Surface Area · 7

**ANSWER**

**576**

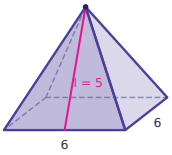
Pyramids & Prisms: Volume and Surface Area · 9

## Find the volume of the square pyramid.



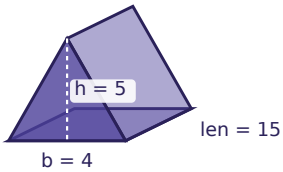

Pyramids & Prisms: Volume and Surface Area · 10

## Find the lateral area of the square pyramid.



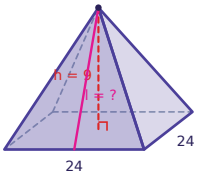

Pyramids & Prisms: Volume and Surface Area · 11

A triangular prism has a triangular base with base 4 and height 5. The prism is 15 long. Find its volume.



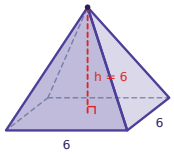

Pyramids & Prisms: Volume and Surface Area · 12

## Find the slant height l of the square pyramid.



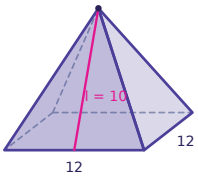

Pyramids & Prisms: Volume and Surface Area · 13

## Find the volume of the rectangular pyramid.



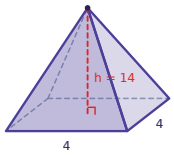

Pyramids & Prisms: Volume and Surface Area · 14

## Find the total surface area of the square pyramid.



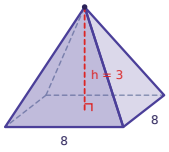

Pyramids & Prisms: Volume and Surface Area · 15

## Find the volume of the square pyramid.




Pyramids & Prisms: Volume and Surface Area · 16

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



Pyramids & Prisms: Volume and Surface Area · 10

**ANSWER**

**60**

Pyramids & Prisms: Volume and Surface Area · 9

**ANSWER**

**96**

Pyramids & Prisms: Volume and Surface Area · 12

**ANSWER**

**15**

Pyramids & Prisms: Volume and Surface Area · 11

**ANSWER**

**150**

Pyramids & Prisms: Volume and Surface Area · 14

**ANSWER**

**384**

Pyramids & Prisms: Volume and Surface Area · 13

**ANSWER**

**72**

Pyramids & Prisms: Volume and Surface Area · 16

**ANSWER**

**144**

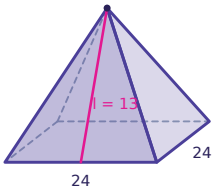
Pyramids & Prisms: Volume and Surface Area · 15

**ANSWER**

**74.7**

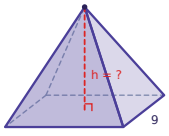
Pyramids & Prisms: Volume and Surface Area · 17

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



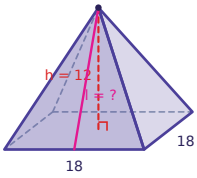

Pyramids & Prisms: Volume and Surface Area · 18

A square pyramid has a base edge of 9 and a volume of 54. Find its height.



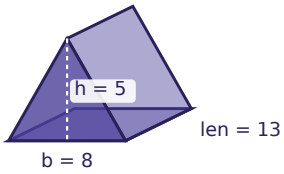

Pyramids & Prisms: Volume and Surface Area · 19

Find the slant height l of the square pyramid.



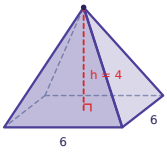

Pyramids & Prisms: Volume and Surface Area · 20

A triangular prism has a triangular base with base 8 and height 5. The prism is 13 long. Find its volume.



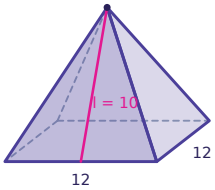

Pyramids & Prisms: Volume and Surface Area · 21

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



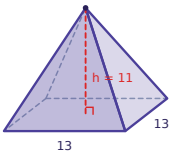

Pyramids & Prisms: Volume and Surface Area · 22

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



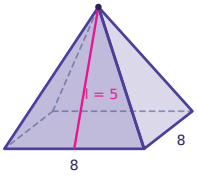

Pyramids & Prisms: Volume and Surface Area · 23

Find the volume of the square pyramid.




Pyramids & Prisms: Volume and Surface Area · 24

Find the total surface area of the square pyramid.



Pyramids & Prisms: Volume and Surface Area · 18

**ANSWER**

**2**

Pyramids & Prisms: Volume and Surface Area · 17

**ANSWER**

**960**

Pyramids & Prisms: Volume and Surface Area · 20

**ANSWER**

**260**

Pyramids & Prisms: Volume and Surface Area · 19

**ANSWER**

**15**

Pyramids & Prisms: Volume and Surface Area · 22

**ANSWER**

**384**

Pyramids & Prisms: Volume and Surface Area · 21

**ANSWER**

**96**

Pyramids & Prisms: Volume and Surface Area · 24

**ANSWER**

**144**

Pyramids & Prisms: Volume and Surface Area · 23

**ANSWER**

**619.7**