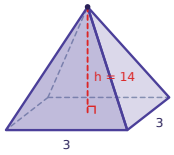
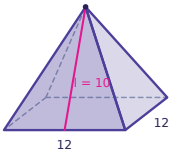
Pyramids & Prisms: Volume and Surface Area · 1

Find the volume of the square pyramid.



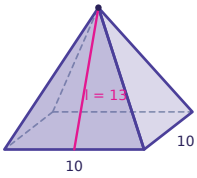
Pyramids & Prisms: Volume and Surface Area · 2

Find the lateral area of the square pyramid.



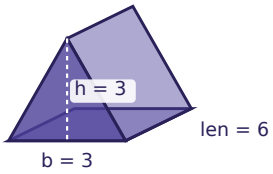
Pyramids & Prisms: Volume and Surface Area · 3

Find the total surface area of the square pyramid.



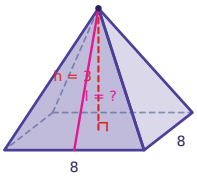
Pyramids & Prisms: Volume and Surface Area · 4

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



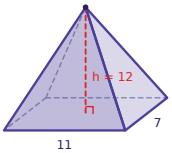
Pyramids & Prisms: Volume and Surface Area · 5

Find the slant height l of the square pyramid.



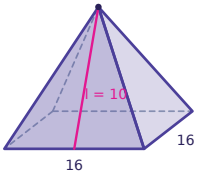
Pyramids & Prisms: Volume and Surface Area · 6

Find the volume of the rectangular pyramid.



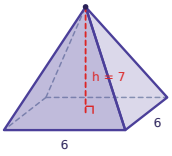
Pyramids & Prisms: Volume and Surface Area · 7

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

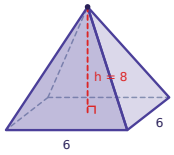
Pyramids & Prisms: Volume and Surface Area · 7

ANSWER

576

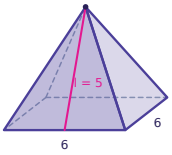
Pyramids & Prisms: Volume and Surface Area · 9

Find the volume of the square pyramid.



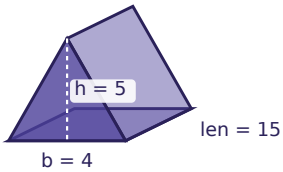
Pyramids & Prisms: Volume and Surface Area · 10

Find the lateral area of the square pyramid.



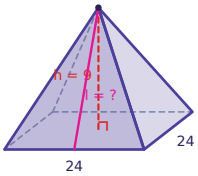
Pyramids & Prisms: Volume and Surface Area · 11

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



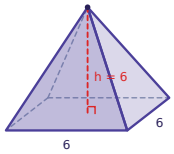
Pyramids & Prisms: Volume and Surface Area · 12

Find the slant height l of the square pyramid.



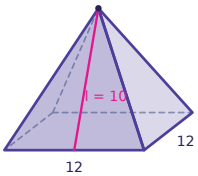
Pyramids & Prisms: Volume and Surface Area · 13

Find the volume of the rectangular pyramid.



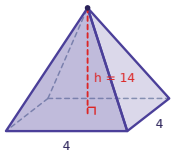
Pyramids & Prisms: Volume and Surface Area · 14

Find the total surface area of the square pyramid.



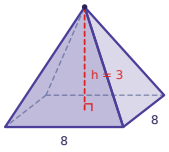
Pyramids & Prisms: Volume and Surface Area · 15

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

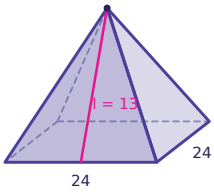
Pyramids & Prisms: Volume and Surface Area · 15

ANSWER

74.7

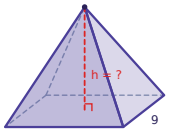
Pyramids & Prisms: Volume and Surface Area · 17

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



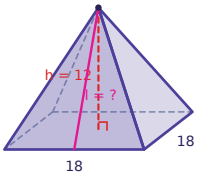
Pyramids & Prisms: Volume and Surface Area · 18

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



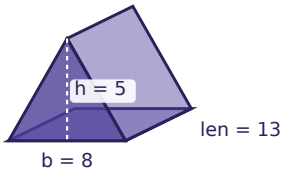
Pyramids & Prisms: Volume and Surface Area · 19

Find the slant height l of the square pyramid.



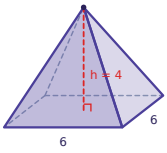
Pyramids & Prisms: Volume and Surface Area · 20

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



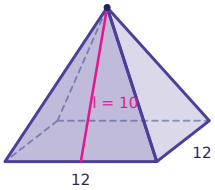
Pyramids & Prisms: Volume and Surface Area · 21

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



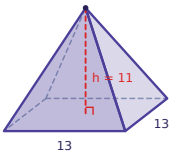
Pyramids & Prisms: Volume and Surface Area · 22

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



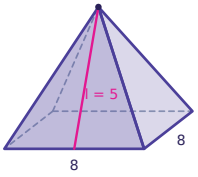
Pyramids & Prisms: Volume and Surface Area · 23

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