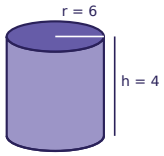
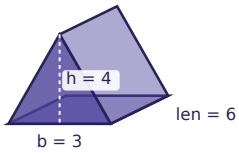
Cross Sections of 3D Figures · 1

A plane slices the cylinder perpendicular to its base, through the center of the base. What shape is the cross section? (circle, triangle, square, or rectangle)



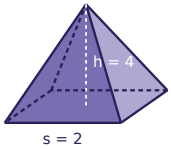
Cross Sections of 3D Figures · 2

A plane slices the triangular prism parallel to its rectangular bottom face. What shape is the cross section? (circle, triangle, square, or rectangle)



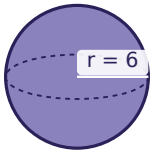
Cross Sections of 3D Figures · 3

A plane slices the square pyramid perpendicular to its base, through its tip. What shape is the cross section? (circle, triangle, square, or rectangle)



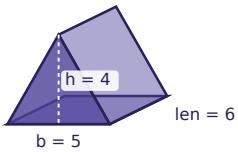
Cross Sections of 3D Figures · 4

A plane slices the sphere through its center. What shape is the cross section? (circle, triangle, square, or rectangle)



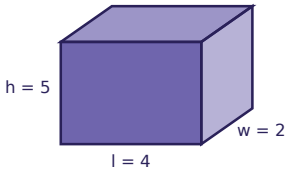
Cross Sections of 3D Figures · 5

A plane slices the triangular prism parallel to its triangular faces. What shape is the cross section? (circle, triangle, square, or rectangle)



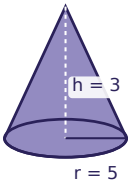
Cross Sections of 3D Figures · 6

A plane slices the rectangular prism parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



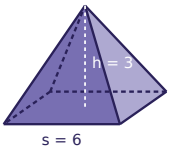
Cross Sections of 3D Figures · 7

A plane slices the cone parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



Cross Sections of 3D Figures · 8

A plane slices the square pyramid parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



Cross Sections of 3D Figures · 2

ANSWER

Rectangle

Cross Sections of 3D Figures · 1

ANSWER

Rectangle

Cross Sections of 3D Figures · 4

ANSWER

Circle

Cross Sections of 3D Figures · 3

ANSWER

Triangle

Cross Sections of 3D Figures · 6

ANSWER

Rectangle

Cross Sections of 3D Figures · 5

ANSWER

Triangle

Cross Sections of 3D Figures · 8

ANSWER

Square

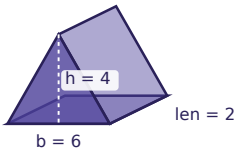
Cross Sections of 3D Figures · 7

ANSWER

Circle

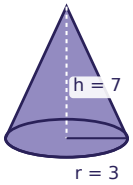
Cross Sections of 3D Figures · 9

A plane slices the triangular prism parallel to its rectangular bottom face. What shape is the cross section? (circle, triangle, square, or rectangle)



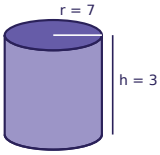
Cross Sections of 3D Figures · 10

A plane slices the cone parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



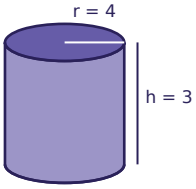
Cross Sections of 3D Figures · 11

A plane slices the cylinder perpendicular to its base, through the center of the base. What shape is the cross section? (circle, triangle, square, or rectangle)



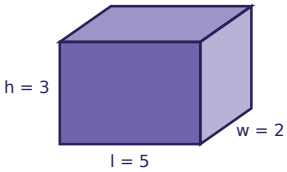
Cross Sections of 3D Figures · 12

A plane slices the cylinder parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



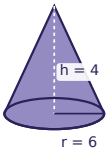
Cross Sections of 3D Figures · 13

A plane slices the rectangular prism perpendicular to its base, parallel to the front face. What shape is the cross section? (circle, triangle, square, or rectangle)



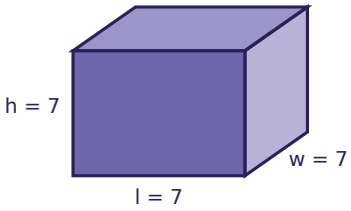
Cross Sections of 3D Figures · 14

A plane slices the cone perpendicular to its base, through its tip. What shape is the cross section? (circle, triangle, square, or rectangle)



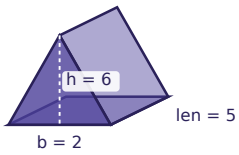
Cross Sections of 3D Figures · 15

A plane slices the cube parallel to one of its faces. What shape is the cross section? (circle, triangle, square, or rectangle)



Cross Sections of 3D Figures · 16

A plane slices the triangular prism parallel to its triangular faces. What shape is the cross section? (circle, triangle, square, or rectangle)



Cross Sections of 3D Figures · 10

ANSWER

Circle

Cross Sections of 3D Figures · 9

ANSWER

Rectangle

Cross Sections of 3D Figures · 12

ANSWER

Circle

Cross Sections of 3D Figures · 11

ANSWER

Rectangle

Cross Sections of 3D Figures · 14

ANSWER

Triangle

Cross Sections of 3D Figures · 13

ANSWER

Rectangle

Cross Sections of 3D Figures · 16

ANSWER

Triangle

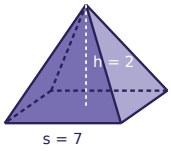
Cross Sections of 3D Figures · 15

ANSWER

Square

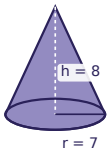
Cross Sections of 3D Figures · 17

A plane slices the square pyramid parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



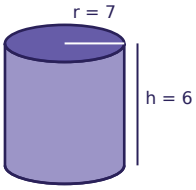
Cross Sections of 3D Figures · 18

A plane slices the cone perpendicular to its base, through its tip. What shape is the cross section? (circle, triangle, square, or rectangle)



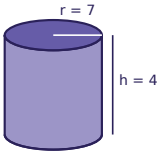
Cross Sections of 3D Figures · 19

A plane slices the cylinder parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



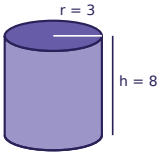
Cross Sections of 3D Figures · 20

A plane slices the cylinder perpendicular to its base, through the center of the base. What shape is the cross section? (circle, triangle, square, or rectangle)



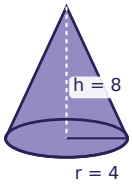
Cross Sections of 3D Figures · 21

A plane slices the cylinder perpendicular to its base, through the center of the base. What is the area of the cross section in square units?



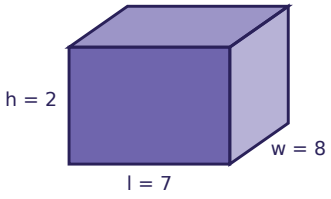
Cross Sections of 3D Figures · 22

A plane slices the cone perpendicular to its base, through its tip. What is the area of the cross section in square units?



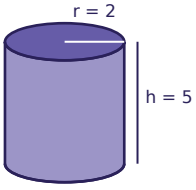
Cross Sections of 3D Figures · 23

A plane slices the rectangular prism parallel to its base. What is the area of the cross section in square units?



Cross Sections of 3D Figures · 24

A plane slices the cylinder parallel to its base. What shape is the cross section? (circle, triangle, square, or rectangle)



Cross Sections of 3D Figures · 18

ANSWER

Triangle

Cross Sections of 3D Figures · 17

ANSWER

Square

Cross Sections of 3D Figures · 20

ANSWER

Rectangle

Cross Sections of 3D Figures · 19

ANSWER

Circle

Cross Sections of 3D Figures · 22

ANSWER

32

Cross Sections of 3D Figures · 21

ANSWER

48

Cross Sections of 3D Figures · 24

ANSWER

Circle

Cross Sections of 3D Figures · 23

ANSWER

56