Math Practice - Grade 7

M7 Geometry: scale drawings and construction - Name the shape from slicing a solid

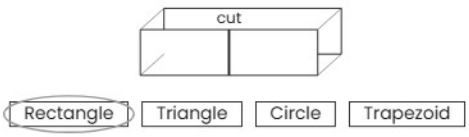
M7 7.G.1, 7.G.2, 7.G.3

Name: _____ Date: _____

What shape is the cross-section? Circle it.

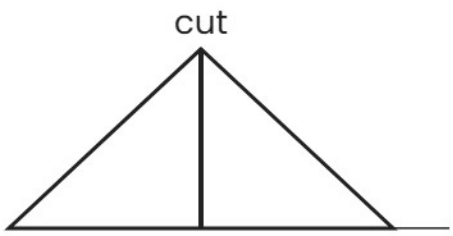
Example: A vertical slice cuts a right rectangular prism. What shape is the cross-section?

How: A slice through a prism is a rectangle. A horizontal slice through a pyramid is a rectangle, and a slice through the apex is a triangle.



---

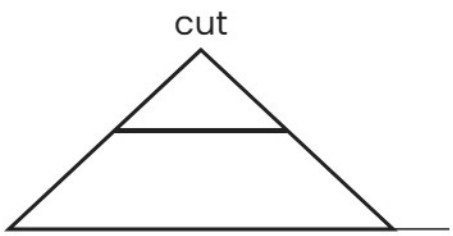
1 **A through the apex slice cuts a right rectangular pyramid. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid

---

2 **A horizontal slice cuts a right rectangular pyramid. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid

Math Practice - Grade 7

M7 Geometry: scale drawings and construction - Name the shape from slicing a solid

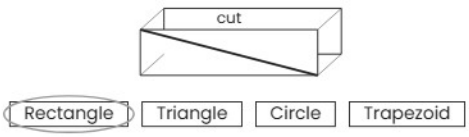
M7 7.G.1, 7.G.2, 7.G.3

Name: _____ Date: _____

What shape is the cross-section? Circle it.

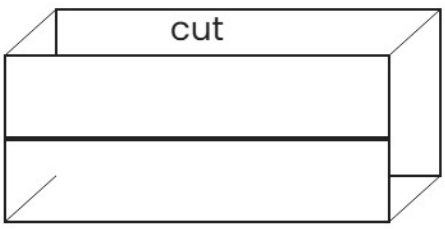
Example: A diagonal slice cuts a right rectangular prism. What shape is the cross-section?

How: A slice through a prism is a rectangle. A horizontal slice through a pyramid is a rectangle, and a slice through the apex is a triangle.



---

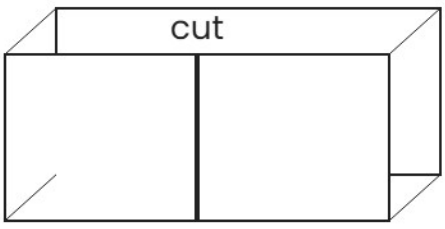
1 **A horizontal slice cuts a right rectangular prism. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid

---

2 **A vertical slice cuts a right rectangular prism. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid

Math Practice - Grade 7

M7 Geometry: scale drawings and construction - Name the shape from slicing a solid

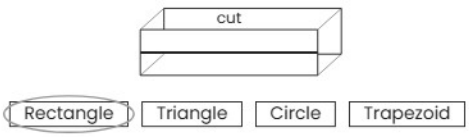
M7 7.G.1, 7.G.2, 7.G.3

Name: _____ Date: _____

What shape is the cross-section? Circle it.

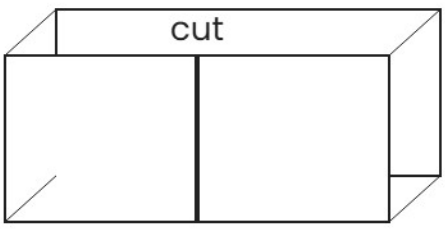
Example: A horizontal slice cuts a right rectangular prism. What shape is the cross-section?

How: A slice through a prism is a rectangle. A horizontal slice through a pyramid is a rectangle, and a slice through the apex is a triangle.



---

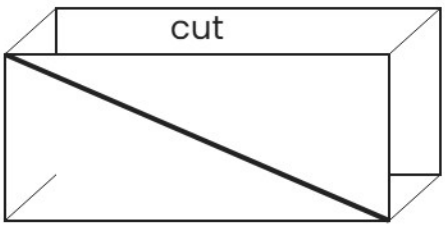
1 **A vertical slice cuts a right rectangular prism. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid

---

2 **A diagonal slice cuts a right rectangular prism. What shape is the cross-section?**



Rectangle | Triangle | Circle | Trapezoid