

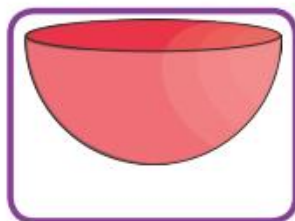
# Lesson 1

**WALT: identify 3D shape properties**



# Use this vocabulary to describe a 3D shape.

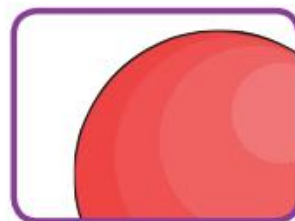
## Properties of 3D Shapes



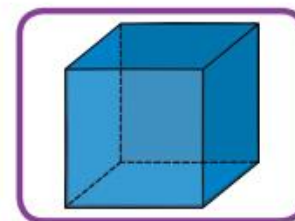
Curved



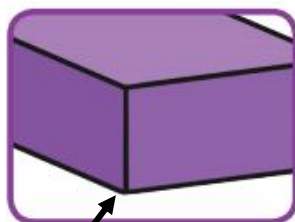
Straight



Round



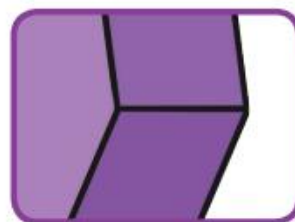
Solid



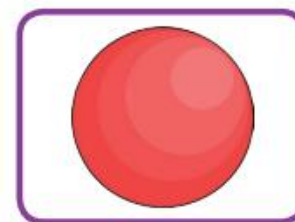
Vertices  
(corner)



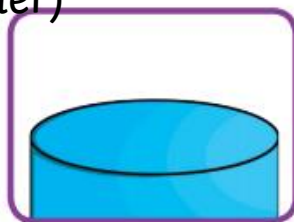
Point



Corner



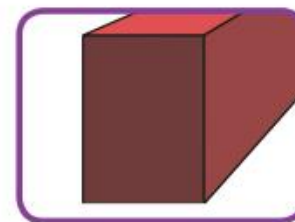
Surface



Face



Edge

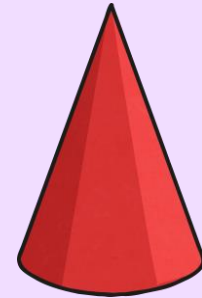
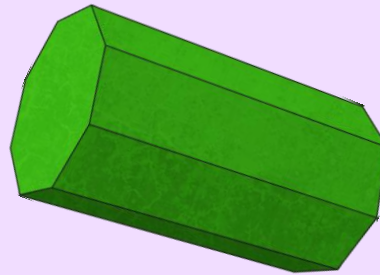
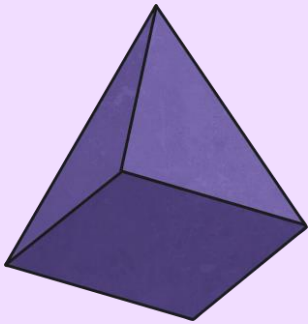
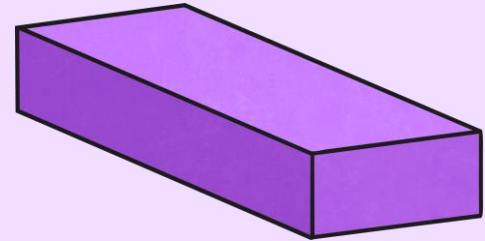
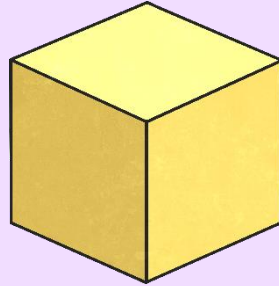
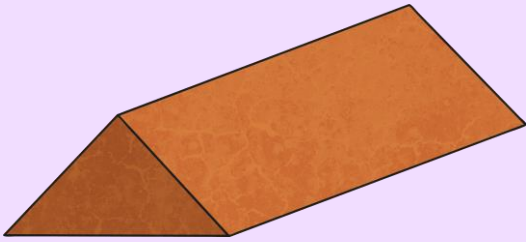


End

(the large surface space  
between edges)

# Name That Shape

Name these shapes:



Show  
Answers

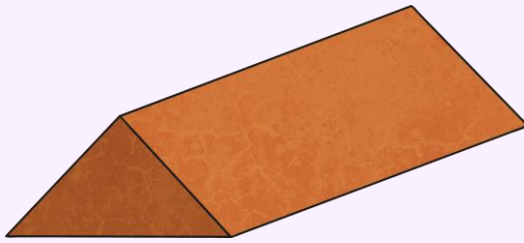
For each shape, using the vocabulary you've learnt, record...

How many vertices?

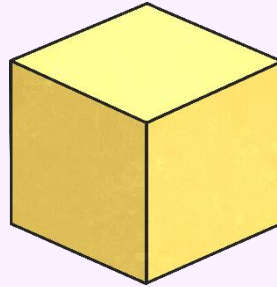
How many faces?

How many edges?

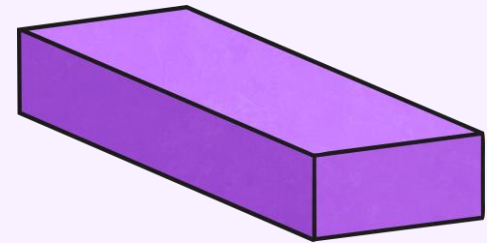
REMEMBER – these are 3D some sides you can't see in these images.



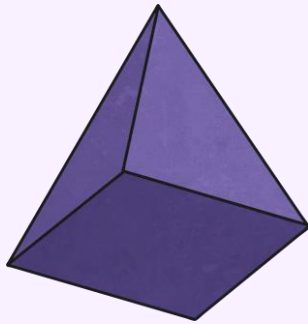
triangular prism



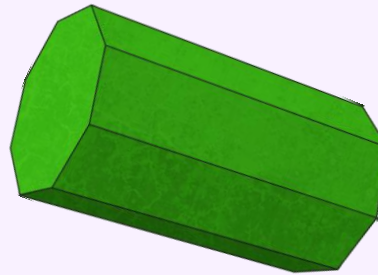
cube



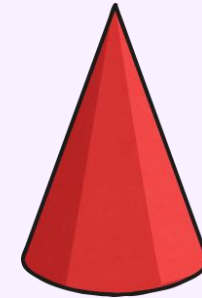
cuboid



square based pyramid



octagonal prism



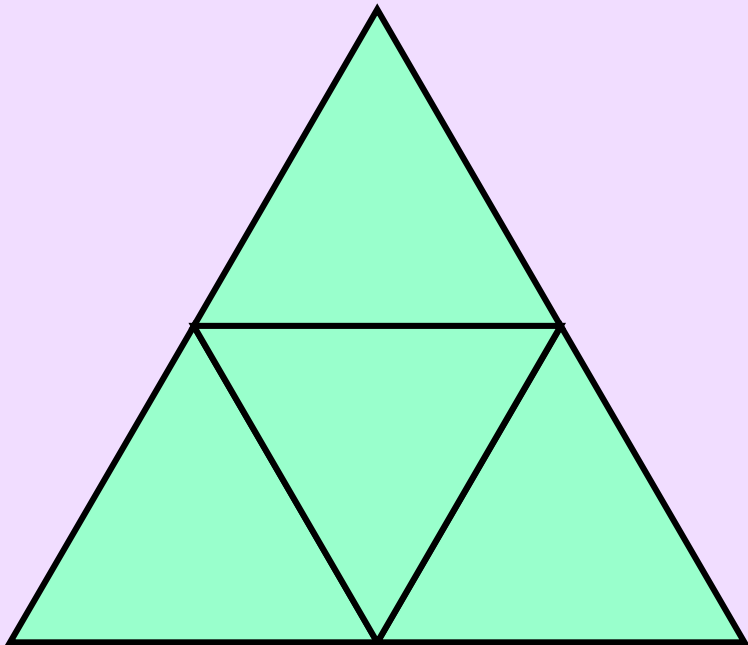
cone

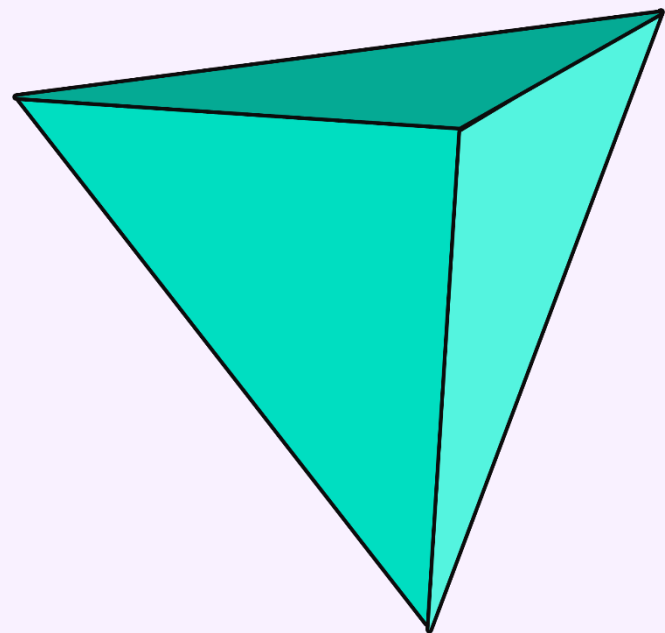
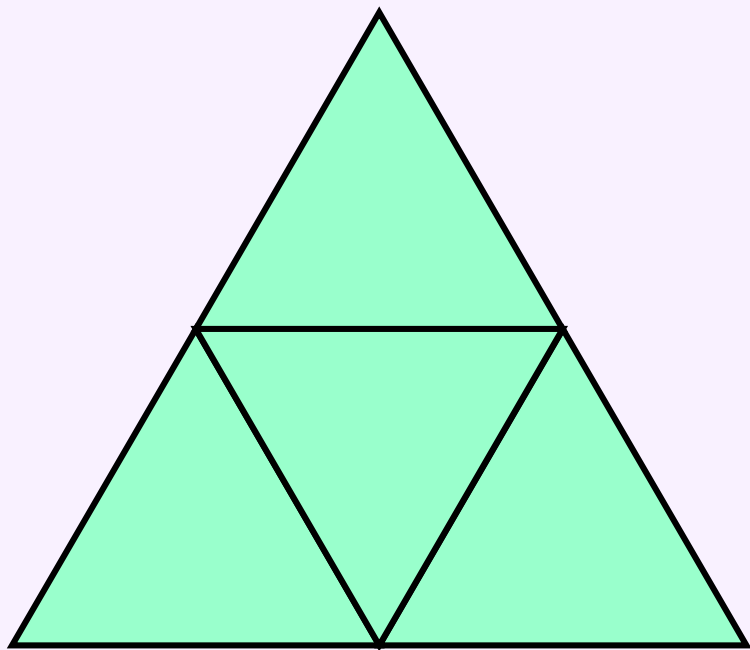
## Lesson 2

**WALT: identify shape nets.**

# Which Shape?

Which shape can be made by this net?

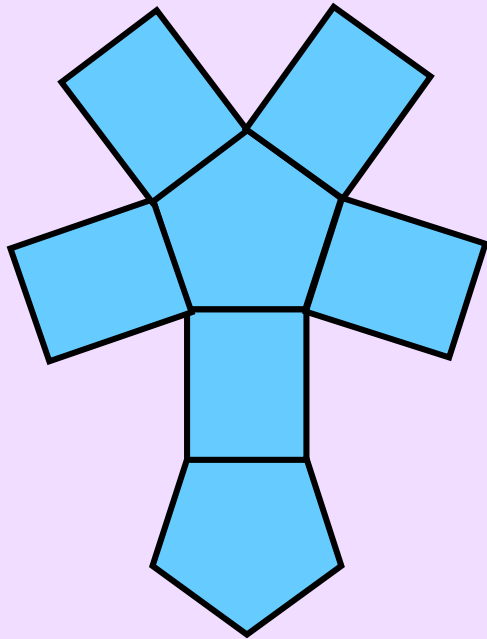




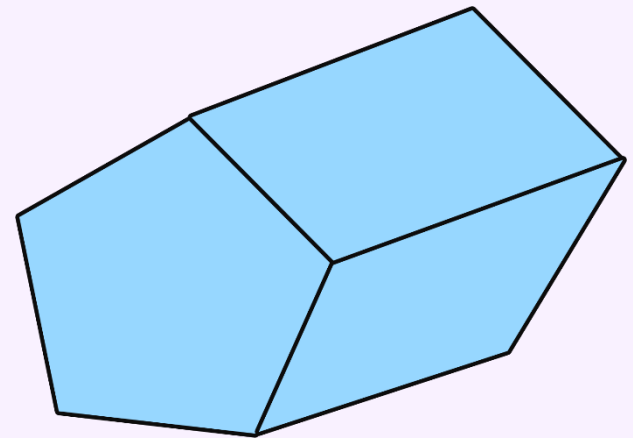
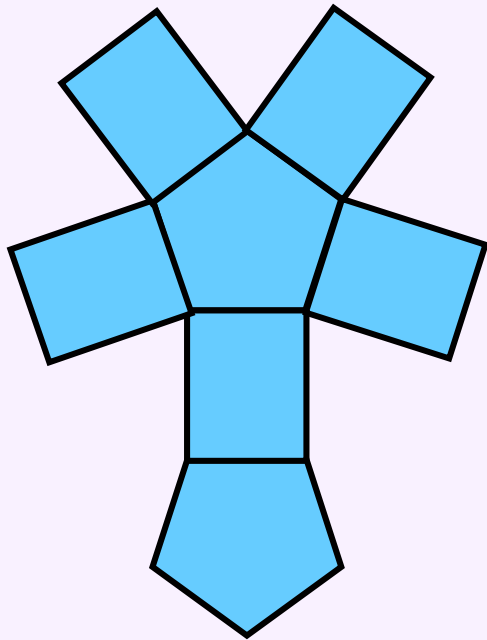
tetrahedron

# Which Shape?

Which shape can be made by this net?



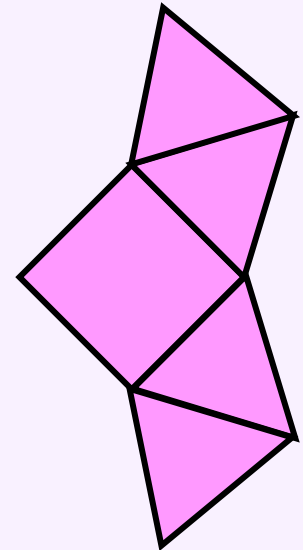
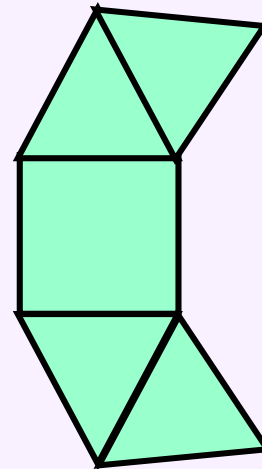
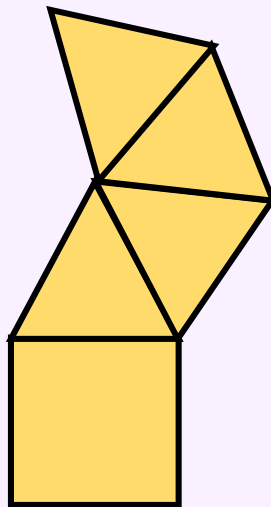
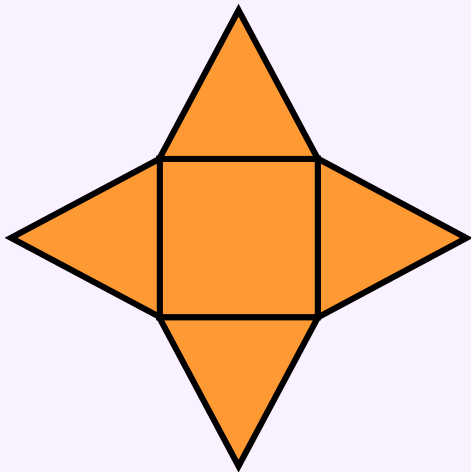


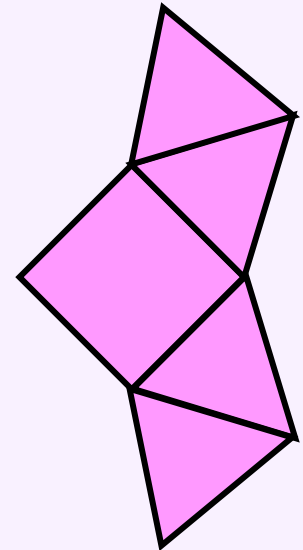
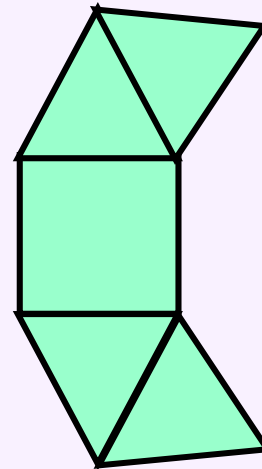
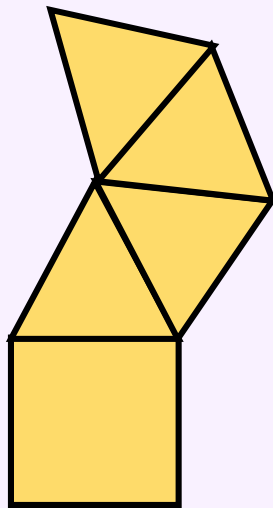
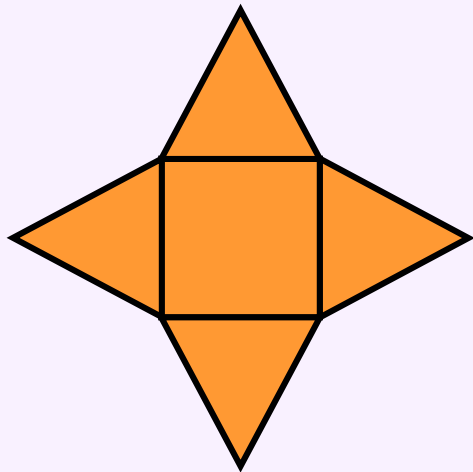


pentagonal prism

# Which Net?

Which nets will make a square-based pyramid?





# Which Net?

These shape nets will make a cube.

Draw as many nets as you can that will make a cube.

