

Mathematics

To Recognise, Name and Describe 3-D Shapes

Miss Charlton



OAK
NATIONAL
ACADEMY

Lesson agenda

Learn the vocabulary of shape properties



Use the language to describe 3-D shapes



Independent Task



End of Lesson Quiz



You will need...

Today is an explorative task so you will just need your mathematical language and the shape pictures provided!



Star words



face
surface
vertices



curved
flat



Let's sing the 3-D shape song...

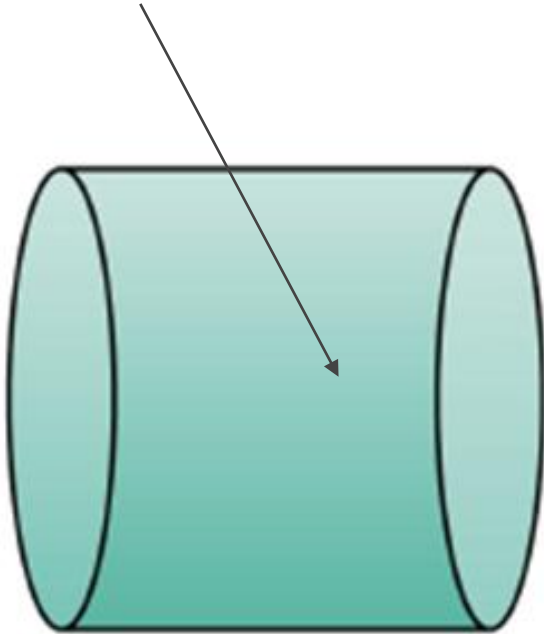
With you parents' permission, head over to your worksheet and watch the 'Singing Walrus 3-D Shape Song' video. See if you can sing along!



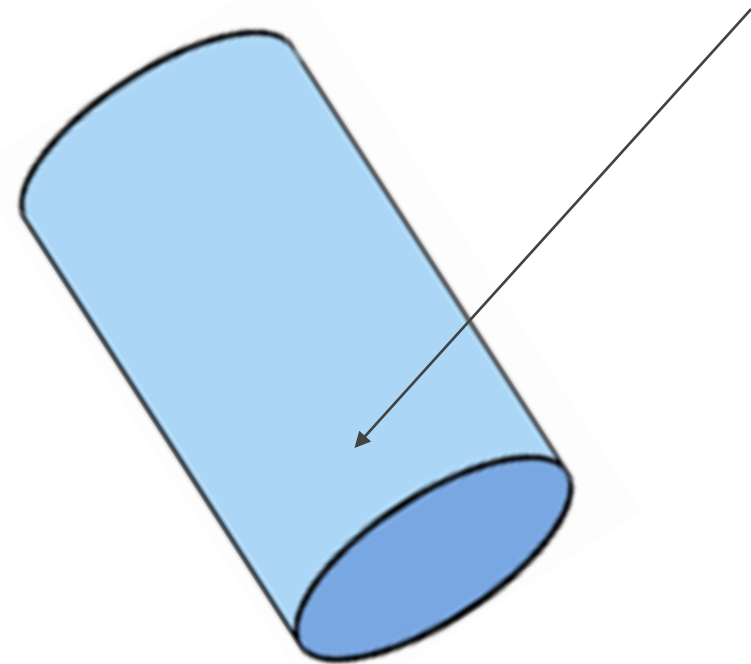
Let's explore the properties

cylinder

surface

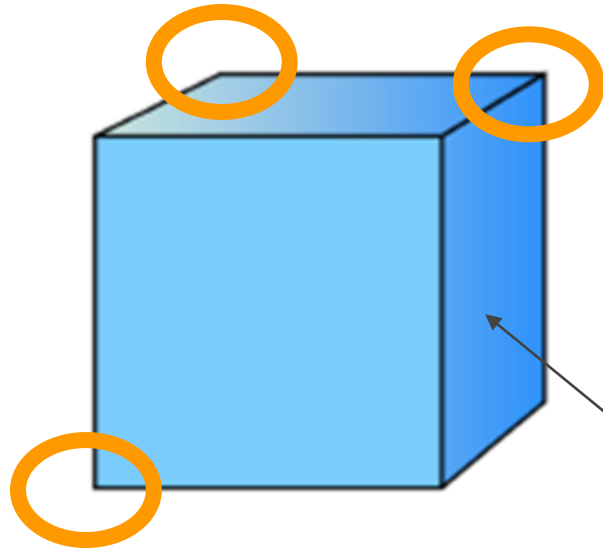


surface



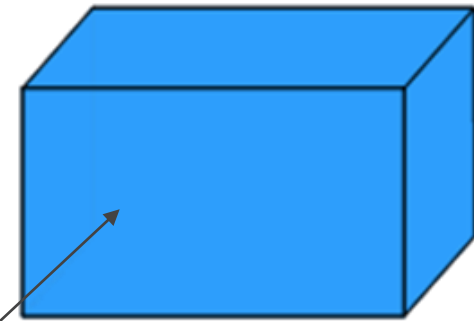
Let's explore the properties

cube



vertices

cuboid

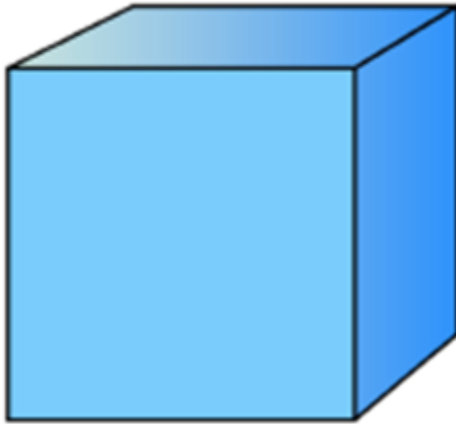


faces



What's the same and what's different?

cube



cuboid

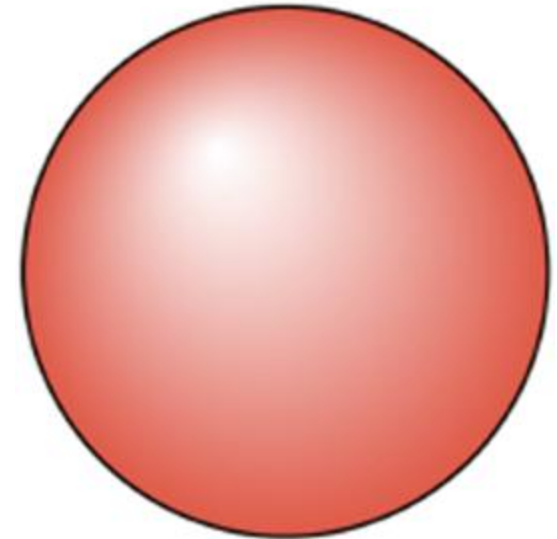


Let's explore the properties

cone



sphere



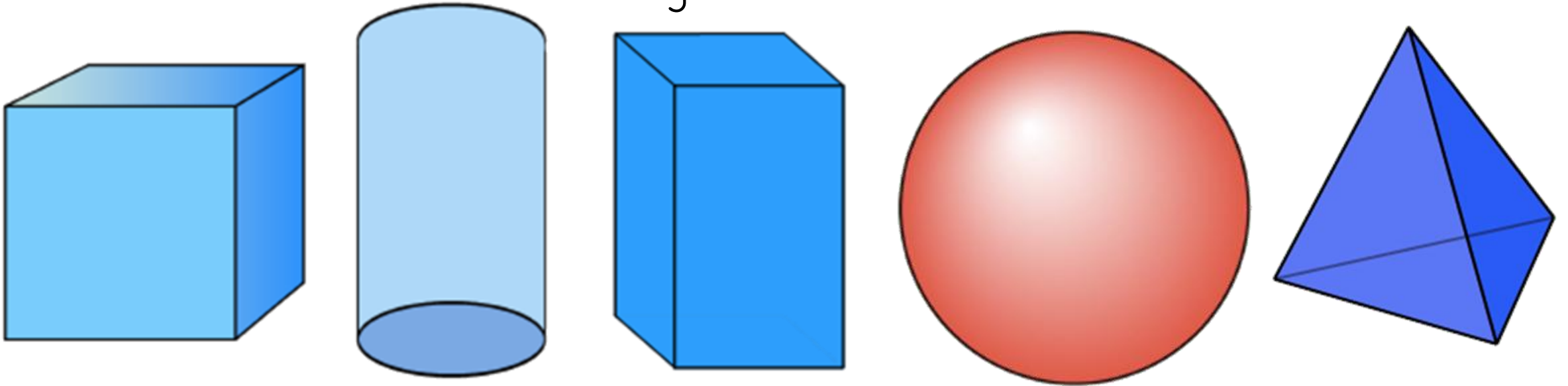
Let's explore the properties

pyramid



Independent task

Explore the shape. Which of these would be good for building a tower? Why?
Which wouldn't work so well? Why?



Source: Mathematics Mastery



Pause to complete your task



Resume once you're finished



Answers

