

# Maths

## Day 1: Equivalent Fractions

For this lesson, click on the following link that will take you to the Oak National Academy lesson on equivalent fractions. Please watch and follow the lesson, pausing the video to try the activities and questions as you go. You can make notes to help you in your work book.

<https://classroom.thenational.academy/lessons/fractions-recognising-equivalent-fractions-1-crt36e>

We would like for you to complete the video task below in your books.

A) Find 2 equivalent fractions below and draw them

1 — 2		3 — 4		1 — 1		2 — 4		4 — 4
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B) Would you rather have  $\frac{1}{2}$  or  $\frac{1}{4}$  of a pizza? Why?

C) Complete the boxes to show equivalent fractions (Think of an many ways as you can of representing these fractions)

1 — 2	=	? — 4
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4 — 4	=	2 — ?
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## Day 1: Challenge!

Complete the following problem by inserting the equivalent fractions.

**What fraction of each picture is blue?**

squares	circles
3	9
4	12
<div style="display: flex; justify-content: space-around; width: 100%;"> <span>←</span> <span>←</span> </div> <p><b>equivalent</b></p>	

squares	circles
	6
<div style="display: flex; justify-content: space-around; width: 100%;"> <span>←</span> <span>←</span> </div> <p><b>equivalent</b></p>	

squares	circles
2	
<div style="display: flex; justify-content: space-around; width: 100%;"> <span>←</span> <span>←</span> </div> <p><b>equivalent</b></p>	

squares	circles
3	
4	
<div style="display: flex; justify-content: space-around; width: 100%;"> <span>←</span> <span>←</span> </div> <p><b>equivalent</b></p>	




## Day 2: 3D Shapes

For this lesson, click on the following link that will take you to the Oak National Academy lesson on 3D shapes. Please watch and follow the lesson, pausing the video to try the activities and questions as you go. You can make notes to help you in your work book.

[https://classroom.thenational.academy/lessons/to-describe-the-properties-of-3d-shapes-cdjkgd?activity=intro\\_quiz&step=1](https://classroom.thenational.academy/lessons/to-describe-the-properties-of-3d-shapes-cdjkgd?activity=intro_quiz&step=1)

We would like for you to complete the video task below in your books.

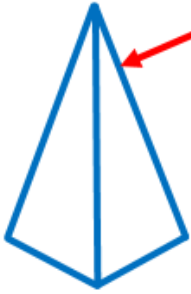
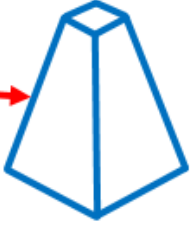
### Part B - match the description to the 3-D shape and name it

This shape has five faces. It has eight edges and five vertices.	•	•		<input type="text"/>
This shape has eight vertices, six square faces and twelve edges.	•	•		<input type="text"/>
This shape has three pairs of parallel rectangular faces.	•	•		<input type="text"/>



## Day 2: Challenge!

Answer the following problem below.

	<p>This is a square-based pyramid.</p> <p>The top of the square-based pyramid is cut off. This new shape is made.</p> <p><b>How many more faces, edges and vertices does the new shape have than the square-based pyramid?</b></p>	
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