

Monday 11/1/21 – Comparing fractions and decimals

Remember to do the arithmetic!

Today you will learn how to compare $\frac{2}{5}$ and 0.6. Click on the link below:

MAIN LESSON

<https://classroom.thenational.academy/lessons/decimal-and-fraction-equivalence-cngk8r>

SUPPORT LESSON

Here is a support lesson that teaches you about $\frac{1}{10}$, $\frac{1}{100}$'s and decimals

<https://classroom.thenational.academy/lessons/fractions-and-decimals-70tp4c>

Challenge Tasks

1. True or False?

0.3 is bigger than $\frac{1}{4}$

Explain your reasoning.

2. Dora and Whitney are converting $\frac{30}{500}$ into a decimal.

- Dora doubles the numerator and denominator, then divides by 10
- Whitney divides both the numerator and the denominator by 5
- Both get the answer $\frac{6}{100} = 0.06$

Which method would you use to work out each of the following?

$\frac{25}{500}$	$\frac{125}{500}$	$\frac{40}{500}$	$\frac{350}{500}$
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Explain why you have used a certain method.