

Year 3 maths newsletter



Summer

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This half-term will be split into two maths topics. Children will first continue with the 'fractions' unit and then move onto 'time'.

Any queries please email either:
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Fractions

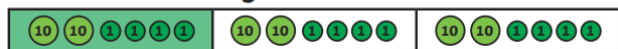
Fractions of amounts

Children find unit and non-unit fractions of different amounts by dividing by the denominator and multiplying by the numerator.

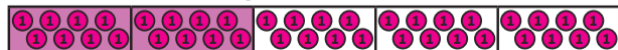
$$\frac{1}{4} \text{ of } 24 = 6$$



$$\frac{1}{3} \text{ of } 72 = 24$$

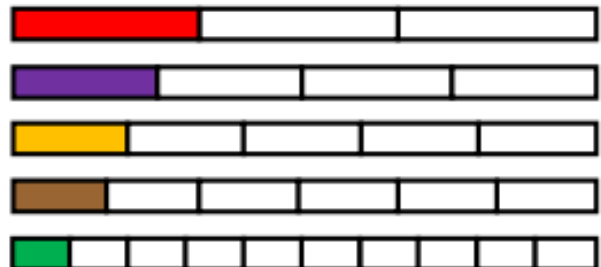


$$\frac{2}{5} \text{ of } 40 = 16$$



Compare and order fractions

Children compare and order the size of fractions and use '<', '>' and '='.



Add fractions

In Year 3, children will add fractions with the same denominator. They understand that we only add the numerators and the denominators stay the same.

$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$



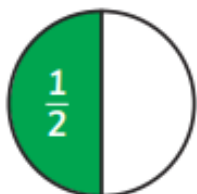
Subtract fractions

Children use practical equipment and pictorial representations to subtract fractions with the same denominator.

$$\frac{5}{6} - \frac{2}{6} = \frac{3}{6}$$

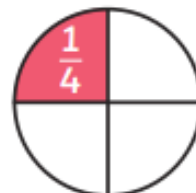


Equivalent fractions



is equal to...

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$$



is equal to...

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12} = \frac{4}{16} = \frac{5}{20}$$



Vocabulary

The following vocabulary is used in the classroom to support learning. Please continue to support your child at home by using the same vocabulary.

fractions
numerator, denominator
equivalent
unit and non-unit fractions
fifths, sixths
tenths
decimals

**Further
support
home**

at

To support your child at home, we encourage the use of the classroom vocabulary and the same methods/strategies of calculation.

When working with your child at home, you can ask them the following question starters to further demonstrate their understanding.

- How do you know...
- Can you estimate...
- What pattern do you notice?
- Can this be done in a different way?
- What other strategies can we use to work out?
- What does each symbol represent?
- Can you explain what would happen if...
- Which is your favourite method? Why?
- How can we check our answers are correct?

Times tables practise

Times Table Rock Stars is a fun and interactive way for your child to practise their times tables at home. Year 3 focuses on the 3s, 4s and 8s times tables. Please continue to practise and support your child with these at home.

<https://trockstars.com/>

If you have any questions on how to support your child at home or need any log in information, please contact your child's class teacher.