

Decimals and Fractions Unit 2

Problem solving and reasoning questions

Write four fractions equivalent to $\frac{1}{3}$.

Now write four fractions equivalent to $\frac{2}{3}$.

True or false

- $\frac{1}{2} \equiv \frac{100}{200}$
 - If a fraction is equivalent to one quarter, the denominator is four times the numerator.
 - Any number of thirds can be written as an equivalent number of sixths.
 - Any number of sixths can be written as an equivalent number of thirds.
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Add $\frac{1}{2}$ to each of these fractions: $\frac{3}{4}$, $\frac{1}{6}$, $\frac{3}{10}$

(HINT: Write $\frac{1}{2}$ as an equivalent fraction in each case...)

Which of these cannot be written in a simpler form:

$\frac{6}{9}$ $\frac{7}{10}$ $\frac{14}{21}$? Why?

These questions should be provided for children to do once the unit has been completed. They assess the children's mastery of the skills and concepts in this unit.