Can I investigate and record equivalent fractions? (Y4)

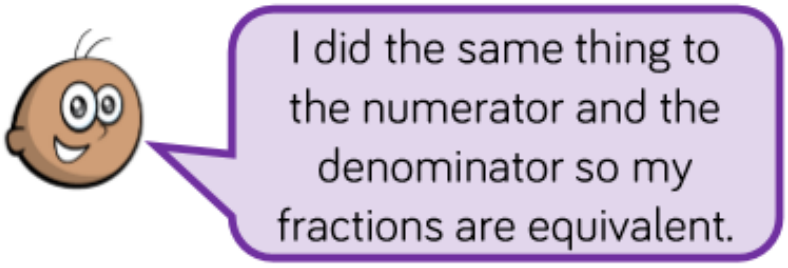
Reasoning and problem solving

This page does not need to be printed. In your book, write the short date you do the work and the above question, underlining them neatly with a ruler.

1) Tommy is finding equivalent fractions.

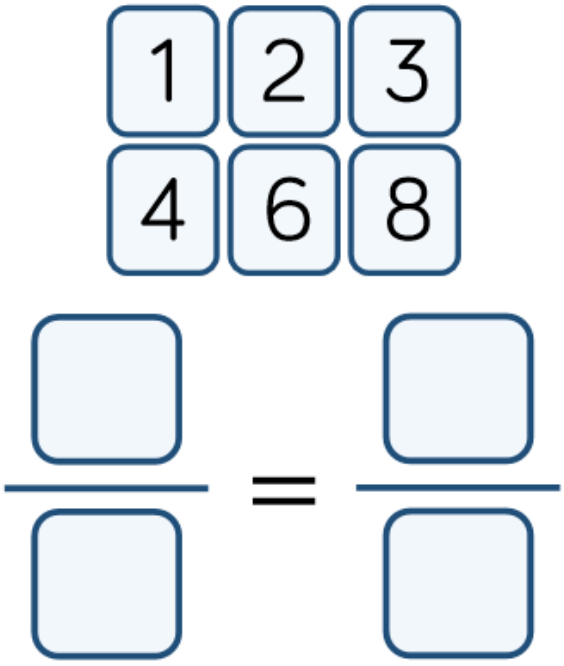
$$\frac{3}{4} = \frac{5}{6} = \frac{7}{8} = \frac{9}{10}$$

He says,



Do you agree with Tommy?
Explain your answer.

2) Use the digit cards to complete the equivalent fractions.



How many different ways can you find?

Answers are on the next page.

Equivalent Fractions (2)

Reasoning and Problem Solving

Tommy is finding equivalent fractions.

$$\frac{3}{4} = \frac{5}{6} = \frac{7}{8} = \frac{9}{10}$$

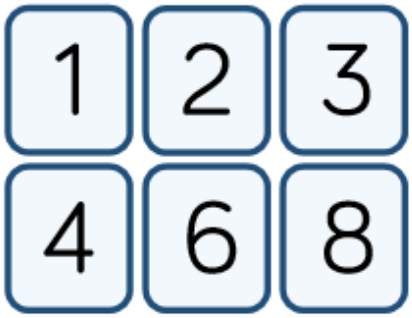
He says,

I did the same thing to the numerator and the denominator so my fractions are equivalent.

Do you agree with Tommy?
Explain your answer.

Tommy is wrong.
He has added two to the numerator and denominator each time.
When you find equivalent fractions you either need to multiply or divide the numerator and denominator by the same number.

Use the digit cards to complete the equivalent fractions.



$$\frac{\square}{\square} = \frac{\square}{\square}$$

How many different ways can you find?

Possible answers:

$\frac{1}{2} = \frac{3}{6}$, $\frac{1}{2} = \frac{4}{8}$,

$\frac{1}{3} = \frac{2}{6}$, $\frac{1}{4} = \frac{2}{8}$,

$\frac{3}{4} = \frac{6}{8}$, $\frac{2}{3} = \frac{4}{6}$