Year 8 Mathematics Learning Journey: Unit 5 – Multiplying and Dividing Fractions

Step 10(H): Algebraic Fractions

Work out $\frac{3r}{5w}$ x $\frac{w}{3r}$

Step 9(H): Improper and mixed fractions

Work out $6\frac{4}{5} \div 2\frac{2}{5}$

Step 8: Divide any pair of fractions

Calculate $\frac{8}{9} \div 0.9$

Step 7: The reciprocal

Find the reciprocal of:
a) 2   b) 0.4   c) $\frac{2}{a}$

Step 6: Divide a fraction by a unit fraction

Complete the statement using <, > or =

$\frac{1}{5} \div \frac{1}{3}$ ◯ $\frac{3}{5} \div \frac{1}{9}$

Step 5: Divide an integer by a fraction

Work out $4 \div \frac{1}{n}$

Step 4: Product of any fractions

Which is bigger, $\frac{1}{5}$ x $\frac{3}{8}$ or $(\frac{3}{5})^2$?

Step 3: Product of unit fractions

Why will the product of two unit fractions always have 'one' as a numerator?

Step 2: Multiply a fraction by an integer

What is the same and what is different between 2 x $\frac{3}{5}$ and 3 x $\frac{2}{5}$

Step 1: Represent fraction multiplication

What multiplication does this diagram show?

Achievement

resilience

Community

PERSEVERANCE

Pride 👍

SHUTTLEWORTH COLLEGE