

Activity 12 Assessment

Dividing Fractions

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<p>Divides a whole number by a unit fraction</p> $2 \div \frac{1}{5}$ <p>"I used a number line showing fifths and counted up to 2 in one-fifths.</p> <p>It took 10 hops. So, $2 \div \frac{1}{5} = 10$.</p> <p>I can see that dividing by $\frac{1}{5}$ is the same as multiplying by 5."</p>	<p>Divides fractions expressed with common denominators</p> $2\frac{3}{8} \div \frac{3}{8}$ <p>"I rewrote this as $\frac{19}{8} \div \frac{3}{8}$.</p> <p>I know that the answer will be the same as the number of 3s in 19, which is $\frac{19}{3}$."</p>	<p>Divides fractions by multiplying by the reciprocal of the divisor</p> $2\frac{3}{8} \div \frac{3}{7}$ <p>"I rewrote this as $\frac{19}{8} \div \frac{3}{7}$.</p> <p>I know that I can find the answer by multiplying by the reciprocal of the divisor.</p> $\frac{19}{8} \div \frac{3}{7} = \frac{19}{8} \times \frac{7}{3}$ $= \frac{133}{24} \text{ or } 5\frac{13}{24} "$	<p>Chooses and uses an appropriate strategy for dividing fractions</p> <p>"When the denominators are the same or I see a relationship between them, I like to use the common denominator method.</p> <p>When the common denominator would be a big number, I find it simpler to multiply by the reciprocal of the divisor."</p>
Observations/Documentation			