


Monday – 30 minutes																									
Activity / Task	<p>Cut out the fraction cards. Shuffle the cards and place them face down in a pile. Choose 2 fraction cards and record them in a chart similar to the one below. Use the fraction bars to find a common denominator. Once you have a common denominator, calculate the sum and difference.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr style="background-color: #D3D3D3;"> <th style="width: 25%;">Fraction 1</th> <th style="width: 25%;">Fraction 2</th> <th style="width: 25%;">Sum</th> <th style="width: 25%;">Difference</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Repeat this activity with five different fraction pairs</p>	Fraction 1	Fraction 2	Sum	Difference																				
Fraction 1	Fraction 2	Sum	Difference																						
Resources	<p>Fraction cards Fraction bars</p>																								

Tuesday – 30 minutes	
Activity / Task	<p>Cut out each of the jigsaw puzzle squares, indicated by the bolded outside lines. Once cut apart, try to put the pieces together without rotating any of them. All of the fractions should be facing up! Make sure that all the fractions that share a side are equivalent.</p> <p>Example:</p> <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> $\frac{1}{11} = \frac{2}{22}$ </div> </div> <p style="font-size: small; text-align: center;">Image by HISD Curriculum using Microsoft Word</p> <p>Repeat until all the puzzle is completed.</p>
Resources	<p>Fraction Jigsaw</p>

Wednesday – 30 minutes

Activity / Task

Cut and sort the problems into two groups: multiplication or division.

Multiplication	Division

Choose one multiplication problem and one division problem.
Solve the problems without using decimals.

Example:

Melanie spent \$5.35 on a yard of ribbon. Melanie cut the ribbon into 5 equal pieces. In dollars, how much did Melanie spend on each piece of ribbon?

$$\begin{array}{r}
 101 \\
 5 \overline{) 535} \\
 - 500 \\
 \hline
 030 \\
 - 000 \\
 \hline
 35 \\
 - 5 \\
 \hline
 0
 \end{array}$$

Estimation: $\$5.00 \div 5 \approx \1.00

Solution: $\$5.35 \div 5 = \1.01

Image by HISD Curriculum using Microsoft Word

Using estimation, ask students to place the decimal in the correct position. Check your answer with a calculator. Repeat with an additional multiplication and division problem.

Resources

Multiplication or Division Problems Sort

Thursday – 30 minutes

Activity / Task

Sort the problems from yesterday back into two groups: multiplication or division. Choose one multiplication problem and one division problem that you did not do yesterday. Solve the problems using 2 of the following strategies: distributive property, partial products, partial quotients, or standard algorithm. Check your answer with a calculator.

Distributive property	Partial Products	Partial Quotients	Standard Algorithm																														
$\$2.75 \times 5 = (2 \times 5) + (0.75 \times 5)$ $10 + 3.75$ $= \$13.75$	$ \begin{array}{r} 2.75 \\ \times 5 \\ \hline 0.25 \\ 3.50 \\ \hline 10.00 \\ 13.75 \end{array} $	<table border="1"> <tr><td> </td><td>4.08</td><td> </td></tr> <tr><td>3</td><td>12.24</td><td>4.00</td></tr> <tr><td> </td><td>-12.00</td><td>+</td></tr> <tr><td> </td><td>.24</td><td>0.08</td></tr> <tr><td>-</td><td>.24</td><td>4.08</td></tr> <tr><td> </td><td>.00</td><td> </td></tr> </table>		4.08		3	12.24	4.00		-12.00	+		.24	0.08	-	.24	4.08		.00		<table border="1"> <tr><td> </td><td>04.08</td></tr> <tr><td>3</td><td>12.24</td></tr> <tr><td> </td><td>-12.00</td></tr> <tr><td> </td><td>.24</td></tr> <tr><td>-</td><td>.24</td></tr> <tr><td> </td><td>.00</td></tr> </table>		04.08	3	12.24		-12.00		.24	-	.24		.00
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Repeat with an additional multiplication and division problem.

Resources

Multiplication or Division Problems Sort

Friday

Spring Holiday

