DIVIDING WHOLE NUMBERS

Mr. Bradford's class brainstormed different symbols and phrases that indicate division. Circle the correct cards below.

"split"

$460 \div 12$

"quotient"

460×12

$\dfrac{582}{16}$

"product"

$\dfrac{0.9}{3}$

"into groups"

"all together"

$1\dfrac{2}{3}$

$9\overline{)181}$

$4 \cdot \dfrac{8}{9}$

Label the parts of each division problem below.

$$3\,0\,\overline{)5\,1\,0}\quad 1\,7$$

$$\dfrac{312}{12}$$

$$437 \div 19$$

Use your previous knowledge of division to solve the problems below. The grids can be used to help organize your work.

1.
$$2\,7\,\overline{)1\,1\,3\,4}$$

2.
$$\dfrac{3672}{18}$$

3.
$$5{,}224 \div 8$$

Each of the cards on the left has the same solution as one of the cards on the right. Find the matching expressions to complete the sentences below.

| A | $735 \div 21$ |

| B | $496 \div 31$ |

| C | $638 \div 22$ |

| D | $2691 \div 23$ |

| F | $1344 \div 84$ |

| G | $261 \div 9$ |

| H | $595 \div 17$ |

| I | $1404 \div 12$ |

Card A and Card _____ have a solution of _____.

Card B and Card _____ have a solution of _____.

Card C and Card _____ have a solution of _____.

Card D and Card _____ have a solution of _____.

Practice dividing whole numbers in the situations below.

4. In preparation for open house, the campus secretary copied handouts in sets of 25. If she made 1,675 copies, then how many sets did she copy?	
I KNOW:	I NEED TO KNOW:
PLAN AND WORK:	SOLUTION:

5. Mr. Jackson hires his neighbor Timothy to walk and feed his dog for the month of June. He tells Timothy that he will pay him $270. How much will Timothy make each day?	
I KNOW:	I NEED TO KNOW:
PLAN AND WORK:	SOLUTION:

Summarize today's lesson: