

NAME: \_\_\_\_\_

THURSDAY  
NIGHT

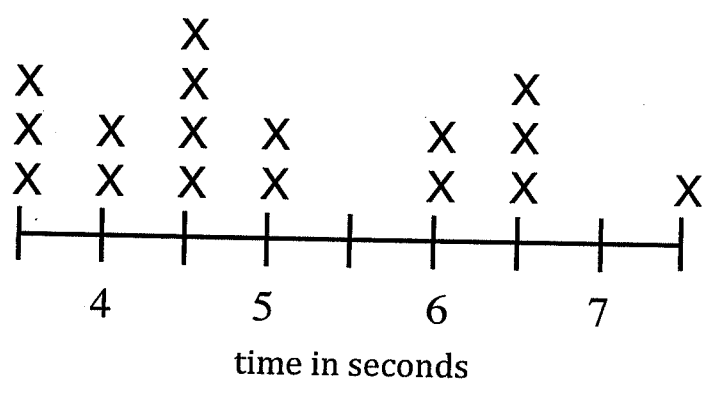
Use mental math to find the missing quotients. HINT: Think about the relationship between multiplication and division.

$240 \div 3 = \underline{\quad}$	$420 \div 7 = \underline{\quad}$	$320 \div 4 = \underline{\quad}$	$350 \div 5 = \underline{\quad}$
$360 \div 9 = \underline{\quad}$	$180 \div 30 = \underline{\quad}$	$240 \div 6 = \underline{\quad}$	$280 \div 70 = \underline{\quad}$
$160 \div 4 = \underline{\quad}$	$90 \div 30 = \underline{\quad}$	$210 \div 30 = \underline{\quad}$	$180 \div 3 = \underline{\quad}$
$420 \div 6 = \underline{\quad}$	$400 \div 80 = \underline{\quad}$	$810 \div 9 = \underline{\quad}$	$630 \div 90 = \underline{\quad}$

Last winter, Dylan and his boy scout troop participated in a special event called a "Polar Plunge" to raise money for charity.

On a cold winter day, all the kids dressed in their bathing suits and jumped into the water of a local lake. The scouts earned money based on how long they could stay in the lake. The line plot shows the length of time the boys were able to remain in the water.

### Polar Plunge



The troop leader said that he would donate an extra \$100 to the charity if all the boys' times add to a total over 30 seconds. Did the boys earn the extra \$100? Tell if their times add to a total of more than 30 seconds, and then explain how you know.

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1. Circle the fractions that are greater than  $\frac{2}{3}$ :  $\frac{4}{9}$   $\frac{5}{12}$   $\frac{3}{4}$   $\frac{4}{5}$   $\frac{7}{9}$

2.  $\frac{4}{12} =$  \_\_\_\_\_

3.  $\frac{15}{20} =$  \_\_\_\_\_

4. Order these fractions from smallest to largest:

$\frac{1}{2}$   $\frac{3}{7}$   $\frac{5}{8}$

\_\_\_\_\_ smallest

\_\_\_\_\_ largest

5.  $\frac{3}{8} + \frac{1}{8} =$  \_\_\_\_\_

6.  $\frac{4}{9} + \frac{1}{3} =$  \_\_\_\_\_

7.  $\frac{5}{8} - \frac{3}{8} =$  \_\_\_\_\_

8.  $\frac{5}{8} - \frac{1}{4} =$  \_\_\_\_\_

9. If  $\bigcirc = \frac{1}{2}$ , then  $\bigcirc\bigcirc\bigcirc =$  \_\_\_\_\_ and  $\bigcirc\bigcirc\bigcirc\bigcirc\bigcirc =$  \_\_\_\_\_.

In this activity each box has three problems. Solve the top two problems in each box and write your answers in the spaces provided. Then follow the arrows and copy your answers to create the third problem. Solve the third problem to get your final answer.

$\begin{array}{r} 9,763 \\ - 4,537 \\ \hline \end{array}$	$\begin{array}{r} 8,370 \\ - 7,684 \\ \hline \end{array}$	$\begin{array}{r} 3,807 \\ + 2,494 \\ \hline \end{array}$	$\begin{array}{r} 8,693 \\ - 3,341 \\ \hline \end{array}$
<div style="border: 1px solid black; padding: 2px; display: inline-block;">5,226</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">686</div>	<div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>
<div style="border: 1px solid black; padding: 2px; display: inline-block;">5,226</div>		<div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>	
$\begin{array}{r} - \\ \hline \end{array}$		$\begin{array}{r} - \\ \hline \end{array}$	
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