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

$270 \div 90 =$ _____ $320 \div 4 =$ _____ $350 \div 70 =$ _____ $250 \div 5 =$ _____

$350 \div 7 =$ _____ $630 \div 9 =$ _____ $120 \div 3 =$ _____ $300 \div 6 =$ _____

$270 \div 9 =$ _____ $280 \div 7 =$ _____ $150 \div 5 =$ _____ $280 \div 70 =$ _____

$210 \div 3 =$ _____ $240 \div 40 =$ _____ $350 \div 50 =$ _____ $240 \div 4 =$ _____

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

time in seconds
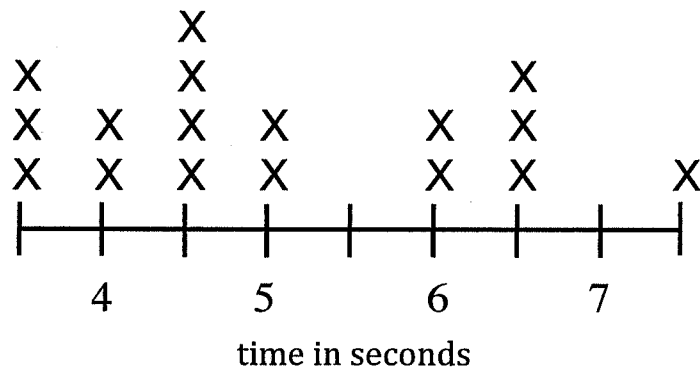
Dylan was able to stay in the water $1\frac{1}{2}$ seconds longer than his friend Bryce. What are three possible times that Dylan and Bryce could have been in the lake?

possibility #1

Dylan's time	Bryce's time
_____ sec	_____ sec

possibility #2

Dylan's time	Bryce's time
_____ sec	_____ sec

possibility #3

Dylan's time	Bryce's time
_____ sec	_____ sec

1. Circle the fractions that are greater than $\frac{1}{2}$: $\quad \frac{4}{7} \quad \frac{3}{5} \quad \frac{5}{12} \quad \frac{5}{9} \quad \frac{5}{11}$

2. $\frac{4}{6} =$ _____

3. $\frac{9}{12} =$ _____

4. Order these fractions from smallest to largest:

$\frac{3}{4} \quad \frac{4}{9} \quad \frac{2}{3}$

_____   _____   _____

smallest   largest

5. $\frac{2}{5} + \frac{2}{5} =$ _____

6. $\frac{1}{4} + \frac{3}{8} =$ _____

7. $\frac{6}{7} - \frac{2}{7} =$ _____

8. $\frac{2}{3} - \frac{1}{6} =$ _____

9. If ■ $= \frac{2}{3}$, then ■ ■ $=$ _____ and ■ ■ ■ $=$ _____ .

Go On   Which comes next? $5, \ 4\frac{1}{4}, \ 3\frac{1}{2}, \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_$

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.

$$\begin{array}{r} 9{,}672 \\ -\ 1{,}241 \\ \hline \end{array} \qquad \begin{array}{r} 2{,}849 \\ +\ 4{,}327 \\ \hline \end{array}$$

$$\begin{array}{r} 5{,}147 \\ +\ 3{,}928 \\ \hline \end{array} \qquad \begin{array}{r} 2{,}166 \\ +\ 4{,}847 \\ \hline \end{array}$$