

T-MF Math Fundamentals Week 7

If  $42 \div 7 = 6$

$$420,000,000,000,000 \div 700,000,000 = 600,000$$

(13)  $\div$  (8) = 600,000  
 $13 - 8 = 5$

\* added zeros

$\div$  subtracted zeros

(28)  $\overline{) 420000000000000}$

$\underline{112}$   
 $\underline{-56}$   
 $\underline{84}$   
 $\underline{-84}$   
 $\underline{6}$   
 $\underline{711}$   
 $\underline{-56}$   
 $15$

$232 r 15$

Multiplication  $\rightarrow$  series addition

Division  $\rightarrow$  series subtraction

$91 \div 28 = 3.25$

$28 * 3 = 84$   
 $\underline{84}$   
 $\underline{-28}$   
 $56$   
 $\underline{-56}$   
 $0$

(1)  $\left( \begin{array}{r} 28 \\ \times 2 \\ \hline 56 \end{array} \right)$

(2)  $\leftarrow$

(M) 
$$\begin{array}{r} 28 \overline{) 294} \\ \underline{8232} \\ -56 \downarrow \\ 263 \\ \underline{-252} \\ 112 \\ \underline{-112} \\ 0 \end{array}$$
 BOOM!

(W) 
$$\begin{array}{r} 56 \overline{) 116} \\ \underline{6496} \\ -56 \downarrow \\ 89 \\ \underline{-56} \\ 336 \\ \underline{-336} \\ 0 \end{array}$$

(Em) 
$$\begin{array}{r} 83 \overline{) 112} \\ \underline{98} \\ 1296 \\ \underline{-83} \\ 99 \\ \underline{-83} \\ 166 \\ \underline{-166} \\ 0 \end{array}$$

(E1) 
$$\begin{array}{r} 59 \overline{) 149,44} \\ \underline{59} \\ 2913 \\ \underline{-236} \\ 575 \\ \underline{-531} \\ 44 \end{array}$$
  $293 \div 59$

$$\begin{array}{r} 293 \\ \underline{-59} \\ 234 \\ \underline{-59} \\ 175 \end{array}$$
 ①  
②

$$\begin{array}{r} 57 \overline{) 1658} \\ \underline{-114} \\ 518 \\ \underline{-513} \\ 5 \end{array}$$
 ⑤

$$\boxed{29,5}$$

$$\begin{array}{r}
 137 \\
 38 \overline{) 51225} \\
 \underline{38} \phantom{1} \phantom{2} \phantom{5} \\
 1412 \phantom{5} \\
 \underline{-114} \phantom{5} \\
 2815 \\
 \underline{-266} \\
 19
 \end{array}$$

$285 \div 38 = 7$   $\frac{17}{5}$   
 $38 * 7 =$

$137 \text{ r } 19$   
 $137.5$

Nate ate 9,072 pizzas over a 20 day period. On average, how many pizzas did he eat in a day?

$$\begin{array}{r}
 \boxed{453 \text{ r } 12} \\
 20 \overline{) 9,072} \\
 \underline{-80} \phantom{0} \phantom{7} \phantom{2} \\
 107 \phantom{2} \\
 \underline{-100} \phantom{2} \\
 72 \\
 \underline{-60} \\
 12
 \end{array}$$

