T-MF Math Fundamentals Week 9 10/31

$$\begin{array}{r} 2\,1\,8 \\ 35\overline{)7658} \\ -70 \\ \hline 65 \\ -35 \\ \hline 308 \\ -280 \\ \hline \boxed{28} \end{array} \quad r\,28$$

$\boxed{218 \text{ r } 28}$

$76 \div 35 = \boxed{2}.171\ldots$

$35 * 2 = 70$

$65 \div 35 = \boxed{1}.857\ldots$

$35 * 1 = 35$

$308 \div 35 = \boxed{8}.8$

$35 * 8 = 280$

$$\begin{array}{r} 308 \\ -35 \\ \hline 273 \end{array} \quad (1)$$

$$\begin{array}{r} 238 \\ -35 \\ \hline 2013 \end{array} \quad (2)$$

$$\begin{array}{r} 168 \\ -35 \\ \hline 1313 \end{array} \quad (3)$$

$$\begin{array}{r} 98 \\ -35 \\ \hline 613 \end{array} \quad (4)$$

$$\begin{array}{r} 28 \end{array} \quad (5)$$

$$\begin{array}{r} 63\,r\,40 \\ \boxed{42}\overline{)\boxed{2686}} \\ -252 \\ \hline \boxed{166} \\ -126 \\ \hline 40 \end{array}$$

$268 \div 42 = 6.3\ldots$

$42 * 6 = 252$

$166 \div 42 = 3.9\ldots$

$42 * 3 = 126$

$\boxed{63 \text{ r } 40}$

$$
\begin{array}{r}
55 \text{ r } 31 \\
58 \overline{)\,3221} \\
-\ 290 \\
\hline
321 \\
-\ 290 \\
\hline
31
\end{array}
$$

322 ÷ 58 = 5.

58 * 5 = 290

321 ÷ 58 = 5.

58 * 5 = 290

55 r 31

Nate purchased 4,876 Reese's cup. If summer is 78 days long, how many Reese's can he eat each day?

$$
\begin{array}{r}
62 \text{ r } 40 \\
78 \overline{)\,4{,}876} \\
-\ 468 \\
\hline
196 \\
-\ 156 \\
\hline
40
\end{array}
$$

487 ÷ 78 = 6..

78 * 6 = 468

196 ÷ 78 = 2.5...

78 * 2 = 156

62 r 40

There are 786 original licensed NES games. On average, they are worth $28 each. How much money would it cost to purchase all of the games.

$$
\begin{array}{r}
786 \\
\times 128 \\
\hline
6288 \\
+\ 15720 \\
\hline
22008
\end{array}
$$

$22,008

Nate has 304 students. How much would each student need to give him in order to cover $22,008?

$$
\begin{array}{r}
72 \text{ r } 120 \\
304 \overline{)22008} \\
-2128 \\
\hline
728 \\
-\ 608 \\
\hline
120
\end{array}
$$

$\boxed{\$72 \text{ r } 120}$

$2200 \div 304 = 7 \ldots$

$304 * 7 = 2128$

$728 \div 304 = 2 \ldots$

$304 * 2 = 608$

$42 \div 6 = 7$

$42{,}000 \div 60 = \boxed{700}$

$3 - 1 = 2$

$$\frac{540{,}000{,}\cancel{000}}{6{,}\cancel{000}}$$

$54 \div 6 = 9$

$540{,}000{,}000 \div 6{,}000 = 90000$

$7 - 3 = 4$

1.) $32 \div 8 = 4$

$32{,}000{,}000 \div 8{,}000 = \boxed{4000}$

$6 - 3 = 3$

2.) $\boxed{30} \div 6 = 5$

$\boxed{3{,}000{,}000} \div 60{,}000 = \boxed{50}$

$5 - 4 = 1$