T-MF Math Fundamentals Week 8 10/29

1.) 178 × 39

1602 ones

+5340 tens

6942

2.) 460 × 27

3220

+9200

12420

67) 8325 = 124 r 17

-67

1512

-134

2815

-268

17

83 - 67 ① = 16

67 × 2 = 134

1512 - 67 ① = 915

915 - 67 ② = 28

67 - 1

+67

134 - 2

+67

201 - 3

+67

268 - 4

+67

335 - 5

67 × 4 ↳

$\boxed{5\ 7\ r21}$

$$58\overline{)\cancel{3}\,1\,3\,2\,7}$$

$$\begin{array}{r} -\ 290 \\ \hline 427 \\ -\ 406 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 4 \\ 58 \\ \times\ 5 \\ \hline 290 \end{array}$$

$$\begin{array}{r} 212 \\ 332 \\ -\ 58 \\ \hline 2\cancel{7}^{6}14 \\ -\ 58 \\ \hline \cancel{2}^{1}\cancel{1}^{0}16 \\ -\ 58 \\ \hline 158 \\ -\ 58 \\ \hline \cancel{1}^{0}\cancel{0}^{9}0 \\ -\ 58 \\ \hline 42 \end{array}$$

1 ... 5

$$\begin{array}{r} 58 \\ +\ 58 \\ \hline 116 \\ +\ 58 \\ \hline 174 \\ +\ 58 \\ \hline 232 \\ 58 \\ \hline 290 \\ 58 \\ \hline 348 \\ +\ 58 \\ \hline 406 \\ +\ 58 \\ \hline 464 \end{array}$$

$58 \rightarrow \cancel{60}$

$427 \rightarrow \cancel{420}$

7

If $42 \div 6 = 7$

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

$3 - 1 = 2$

If $54 \div 6 = 9$

$540{,}000{,}000 \div 6{,}000 = 90{,}000$

$7 - 3 = 4$

1.) If $32 \div 8 = 4$

$32{,}000{,}000 \div 8{,}000 = 4{,}000$

$6 - 3 = 3$

2.) $30 \div 6 = 5$

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

$5 - 4 = 1$

3.) $40 \div 5 = 8$

$400{,}000{,}000 \div 500 = 800{,}000$

$7 - 2 = 5$

4.) $24 \div 3 = 8$

$2{,}400{,}000{,}000 \div 3{,}000 = 800{,}000$

$8 - 3 = 5$

At the start of summer, Nate purchased 4,876 Reeses cups. If summer is 78 days long, how many Reeses cups will he eat each day if evenly split?

$$\boxed{62 \text{ r } 40}$$

$$\begin{array}{r} 78 \overline{)4876} \\ -468\downarrow \\ \hline 196 \\ -156 \\ \hline 40 \end{array}$$

$$\begin{array}{r} {}^{3}78 \\ \times\ 4 \\ \hline 312 \end{array} \qquad \begin{array}{r} {}^{4}78 \\ \times\ 5 \\ \hline 390 \end{array}$$

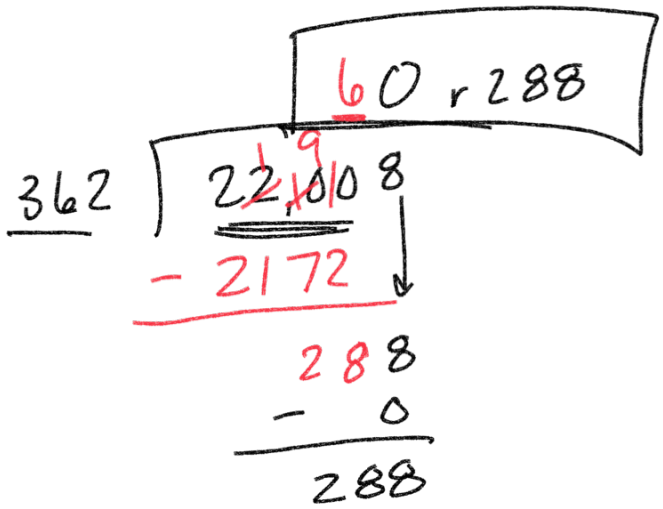
$$\begin{array}{r} {}^{4}78 \\ \times\ 6 \\ \hline 468 \end{array} \qquad \begin{array}{r} {}^{1}78 \\ \times\ 2 \\ \hline 156 \end{array}$$

There are 786 original licensed Nintendo games. On average, they are worth \$28 each. How much money would it take to purchase all of them?

$$\begin{array}{r} {}^{\cancel{6}\,1}\ {}^{\cancel{4}\,1} \\ 786 \\ \times\ 28 \\ \hline 16288 \\ +\ 15720 \\ \hline 22008 \end{array}$$

$$\boxed{\$22{,}008}$$

Nate has 362 students. How much would each student need to give him in order to cover $22,008?



41
362
× 8
2896

3 1
362
× 6
2172