T-MF Math Fundamentals Week 7 10/22

1.)
```
   8 9 13
   7~~9~~.~~0~~~~4~~0
 - 37.165
 ---------
   41.875
```

$\boxed{41.875}$

2.)
```
    1 1
    78.80
  + 51.59
  -------
   130.39
```

3.)
```
    1 1  1
    57.790
  + 12.417
  --------
   70.207
```

$\boxed{70.207}$

4.)
```
   7 1  9 9
   ~~8~~2.~~0~~~~0~~~~0
 - 17.562
 --------
   64.438
```

$\boxed{64.438}$

1.) If $7 * 8 = \boxed{56}$

$\boxed{7}00 * \boxed{8},000 = \boxed{5,600,000}$

2.) If $9 * 12 = 108$

$\boxed{9}0,000 * \boxed{12}0$

$\boxed{10,800,000}$

3.) If $8 * 10 = 80$

$\boxed{8},000 * \boxed{10}0 =$

$\boxed{800,000}$

4.) If $7 * 6 = 42$

$\boxed{7}0,000 * \boxed{6}00,000 =$

$\boxed{42,000,000,000}$

672 × 89

672 × 80 + 672 × 9

672 × 89

6048 ONES

+ 53760 TENS

59808

59,808

444

198 × 25

1 990 ONES

+ 3960 TENS

4,950

672 × 89

18 ← 9×2

1 63 ← 9*7

+ 54 ← 9*6

6048

160 ← 8*2

1 56 ← 8*7

+ 48 ← 8*6

59,808

198 × 25

40 ← 8*5

45 ← 9*5

+ 51 ← 1*5

990

116 ← 2*8

18 ← 2*9

+ 2 ← 2×1

4,950

9*7 → 6+3

56 = 7*8

8*5 → 40

Chick Fil A milkshakes contain 890 calories. Nate drinks 38 milkshakes on an average day. How many calories does Nate ingest?

$$\begin{array}{r} {\scriptstyle 2} \\ 890 \\ \times\ 38 \\ \hline 7120 \\ +\ 26700 \\ \hline 33820 \end{array}$$

33,820 calories

A package of oreos contains 72 cookies. Nate accidentally ate 163 packages of oreos. How big was Nate's whoopsie?

$$\begin{array}{r} {\scriptstyle 4\ 2} \\ 163 \\ \times\ \ 72 \\ \hline 326 \\ +\ 11410 \\ \hline 11736 \end{array}$$

Nate ate 799 (3-digit #) of hamburgers (food item).

If he did this over 36 (2-digit #) days, how many hamburgers (same food item) did he eat?

$$\begin{array}{r} 799 \\ \times \quad 36 \\ \hline 4794 \\ +\ 23970 \\ \hline 28{,}764 \end{array}$$

3 * 9
↓
2 + 7 = 9