

T-MF Math Fundamentals

Week 27 4/2

Percent of change

Salaries had increased by $\approx 150\%$.

Gas 2023: \$3.30
1980: \$1.29

$$\frac{\text{New} - \text{old}}{\text{old}} * 100\%$$

$$\frac{\$3.30 - \$1.29}{\$1.29} * 100\%$$

$$\frac{\$2.01}{1.29}$$

$$1.29 \overline{) 2.01}$$

$$\frac{\$2.01}{\$1.29} * 100\% =$$

$$1.558 * 100\%$$

12

$$155.8\%$$

$$\begin{array}{r} 14 \\ 129 \\ \times 5 \\ \hline 645 \\ 27 \\ 129 \\ \hline 1032 \end{array}$$

$$\begin{array}{r} 1.558 \\ 129 \overline{) 201.000} \\ \underline{-129} \\ 740 \\ \underline{-645} \\ 750 \\ \underline{-645} \\ 1050 \\ \underline{-1032} \\ 18 \end{array}$$

Video games

2023 - \$60

1980 - \$35

$$\frac{\text{New} - \text{old}}{\text{old}} * 100\%$$

$$\frac{\$60 - \$35}{\$35} * 100$$

$$= 0.714 * 100\%$$

71.4%

$$\frac{\$25}{\$35} * 100$$

35
35

$$\frac{25}{35}$$

0.714

35 | 25.000

- 245

50

- 35

150

- 140

10

	250	70 2
	- 35	35
1	215	105 3
	- 35	35
2	180	140 4
	- 35	35
3	145	175 5
	- 35	35
4	110	210 6
	- 35	35
5	75	245 7
	- 35	35
6	40	280 8
7	- 35	
	5	

Round to nearest thousandth.

$$\begin{array}{r} 0.8186 \\ 8 \overline{) 6.5490} \\ \underline{-64} \\ 14 \\ \underline{-8} \\ 69 \\ \underline{-64} \\ 50 \\ \underline{-48} \\ 2 \end{array}$$

$$0.818\textcircled{6}$$

$$\boxed{0.819}$$

$$\begin{array}{r} 299 \\ 2) \cancel{30.00} \\ \underline{-15.68} \\ \boxed{14.32} \end{array}$$

$$\begin{array}{r} 1 \\ 3) 51.00 \\ \underline{+19.62} \\ \boxed{70.62} \end{array}$$

$$0.\textcircled{7} \overline{) 992.0} \textcircled{0}$$

