

Percent of change

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

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

Gas

2023: \$3.30

1980: \$1.29

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

$$\begin{array}{r} 2 \\ \$3.30 \\ - 1.29 \\ \hline 2.01 \end{array}$$

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

$$\begin{array}{r} 1.29 \overline{) 2.01} \\ \underline{15} \\ 129 \\ \underline{774} \\ 1032 \end{array}$$

$$\begin{array}{r} 1.558 \\ 129 \overline{) 12911000} \\ \underline{- 129} \\ 6720 \\ \underline{- 6450} \\ 270 \\ \underline{- 270} \\ 0 \\ \underline{- 0} \\ 1050 \\ \underline{- 1032} \\ 18 \end{array}$$

$$1.56 * 100\% = 156\%$$

Video Games

2023 - \$65

1980 - \$35

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

$$\frac{65-35}{35} * 100\%$$

$$\begin{array}{r} 65 \\ - 35 \\ \hline 30 \end{array}$$

$$\rightarrow \frac{30}{35}$$

$$35 \overline{) 30.000} \\ \underline{- 280} \\ 200 \\ \underline{- 175} \\ 250 \\ \underline{- 245} \\ 5$$

$$0.857 * 100$$

$$85.7 = \boxed{86\%}$$

$$0.86 \overline{) 880}$$

$$86 \overline{) 88000.00} \\ \underline{- 86} \\ 1200 \\ \underline{- 172} \\ 2810 \\ \underline{- 258} \\ 12210 \\ \underline{- 172} \\ 480 \\ \underline{- 430} \\ 50$$

Round to the nearest length.

$$\boxed{1023.3}$$

1.) Round to nearest thousandth.

$$\begin{array}{r} 0.818\textcircled{6} \\ \downarrow \\ 8 \overline{) 6.5490} \\ \underline{- 64} \\ 14 \\ \underline{- 8} \\ 69 \\ \underline{- 64} \\ 50 \\ 48 \end{array}$$

0.819

2.) Round to nearest whole number.

$$\begin{array}{r} 0.7 \overline{) 992.0} \\ \downarrow \\ \textcircled{1417.1} \\ 7 \overline{) 9920.0} \\ \underline{- 7} \\ 29 \\ \underline{- 28} \\ 12 \\ \underline{- 7} \\ 50 \\ \underline{- 49} \\ 10 \end{array}$$

1417

3.)

$$\begin{array}{r} 299 \\ \cancel{210.10} \\ - 15.68 \\ \hline 14.32 \end{array}$$

14.32

4.)

$$\begin{array}{r} 1 \\ 51.00 \\ + 19.62 \\ \hline 70.62 \end{array}$$

70.62