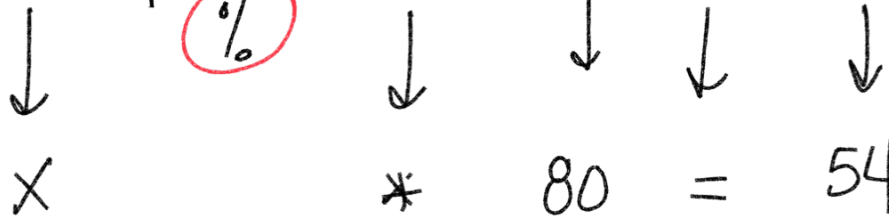


What percent of 80 is 54?



$$\frac{80x}{80} = \frac{54}{80} \quad x = \frac{54}{80} = 0.675 * 100\%$$

67.5%

1.) 96 is what percent of 120?



$$x = \frac{96}{120} = 0.80 * 100\%$$

80%

2.) 62% of 90 is what number?



3.) 48 is 36% of what number



$x = 133.\bar{3}$

4.) What number is 14% of 180?



$x = 25.2$

Percent Increase and Decrease

Average Salary

1980 → \$21,000

2023 → \$67,000

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

$$\frac{(2023 \text{ sal}) - (1980 \text{ sal})}{(1980 \text{ sal})} * 100\%$$

219%
increase

$$\frac{67,000 - 21,000}{21,000} * 100\%$$

$$\frac{46,000}{21,000} * 100\% = 219$$

Average price for a House

1980 - \$47,000

2023 - \$412,000

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

$$\frac{412,000 - 47,000}{47,000} * 100\%$$

777%

1980

2023

salariesHomes

219%

777%

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

	1980	2023
Gas	\$1.19	\$3.52

$$\frac{3.52 - 1.19}{1.19} * 100\% = \boxed{196\%}$$

Bread	\$0.50	\$2.99
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$$\frac{2.99 - 0.50}{0.50} * 100\% = \boxed{498\%}$$

Minimum Wage	\$3.10	\$7.25
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$$\frac{7.25 - 3.10}{3.10} * 100\% = \boxed{130\%}$$

TV	\$670	\$250
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$$\frac{250 - 670}{670} * 100\% = \boxed{-63\% \text{ decrease}}$$

video game	\$35	\$65
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$$\frac{65 - 35}{35} * 100\% = \boxed{86\%}$$

Car	\$7,500	\$48,000
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$$\frac{48,000 - 7,500}{7,500} * 100\% = \boxed{540\%}$$

movie ticket	\$2.69	\$10.53
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$$\frac{(10.53 - 2.69)}{2.69} * 100\% = \boxed{291\%}$$