

Warm up: % of

1) You bought Apple stock when it was \$143 per share. Since then, the price has gone up by 12%. What is the current price? 12%

$$1.12(143) = \$160.16$$

2) This year, there were 42 students on the cross country team. Last year, there were 37 students. What was the percent change?

$$\frac{42-37}{37} = \frac{5}{37} = 0.135135\overline{135}$$
$$13.51\%$$

HW Solutions

⑨

$$\frac{1.24x}{1.24} = \frac{650}{1.24}$$

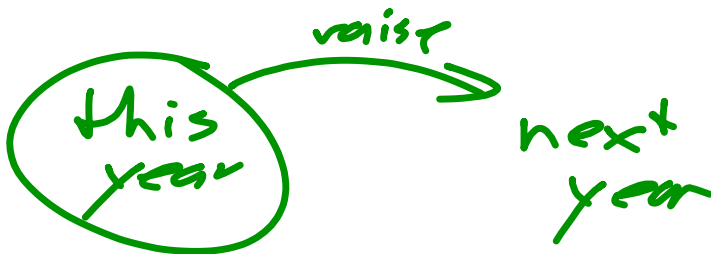
$$x = 524.1935484$$

$$\$ 524.19$$

(10)

1.03(62000)

\$63860



$$\textcircled{5} \quad \frac{685-642}{642} = \frac{43}{642}$$

0.066978193

6.70%

③ 120% ↑

$$\begin{array}{r} 100\% \\ + 120\% \\ \hline 220\% \end{array}$$

$$\frac{2.2x = 300}{2.2 \quad 2.2}$$

$$x = \$136.36$$

Worksheet

$$\textcircled{1} \quad 0.7(60)$$
$$\textcircled{\$42}$$

$$\textcircled{2} \quad \frac{2.4x}{2.4} = \frac{310}{2.4}$$
$$x = \textcircled{\$129.17}$$

②

$$\frac{180560 - 143240}{143240}$$

$$143240$$

$$37320$$

$$\frac{37320}{143240} = 0.260541748$$

$$26.05\%$$

