

show work

NO CALCULATORS:

161) The cost of living has increased by $\frac{1}{25}$ this year. An item cost \$1 last year. How much would that same item cost in today's dollars? Write answer as a decimal rounded to the nearest tenth.

1.04

162) CBI shares cost \$5.25 each. A week later they cost \$6.00 per share. What is the percent change in price? Round the percent to the nearest tenth.

14.3%

163) Apple shares cost \$9.45 each. A week later they cost \$9.99 per share. What is the percent increase in price? Round the percentage to the nearest tenth.

5.7%

164) John had 125 shares of stock worth \$23 per share. He sold $\frac{1}{6}$ of his shares and then another $\frac{1}{10}$. How many shares of stock does he still own? Round to the nearest tenth.

93.8

165) One dollar can be exchanged for 5.75 yen in Japan. How many yen is \$3.25 worth?

18.68

166) One dollar can be exchanged for 23 pesos. 10 pesos purchased will be worth how many dollars or cents?
Round to the nearest hundredth.

\$0.43

167) 27 pesos are worth \$1.20 How many pesos can be exchanged for \$1?
Round to the nearest whole peso.

23

168) Coca Cola shares cost \$27.80 each. A week later they decreased 13% per share. What is the current price?
Round to the nearest hundredth.

24.19

169) Coca Cola shares cost \$27.80 each. A week later they increased 13% per share. What is the current price?
Round the percentage to the nearest hundredth.

31.41

170) Joanna owned 44 shares of Office depot. She now owns 100 shares. The shares she owned changed by what fraction? Round to the thousandths.

$$1\frac{3}{11}$$

171) Joanna owned 48 shares of Office depot. She now owns 72 shares. The shares she owned changed by what fraction? Write that as a percent. Round to the tenths place.

$$\frac{1}{2}, 50\%$$

172) Kianna owned 140 shares of Pepsico stock. She bought additional shares equal to $\frac{1}{8}$ of the original amount. She then sold 36% of the new total. How many shares does Kianna now own. Round to the nearest tenth.

$$100.80$$

173) A stock that costs \$11.20 increased in value 8% in year 1. It then decreased in value by 10%. What is the stock's final value?

$$10.99$$

174) Jose has \$13,298.11 in his bank account as of March 15. He withdraws \$3,897.12 on March 22 and then withdraws \$5,778.06 at an ATM on April 3. The bank charges \$12.10 at the end of each month when his balance falls below \$4,000.00. What is his bank balance on June 1?

3598.73

175) Joanna can give a downpayment of \$205 and pay \$13.25 per month to work out at a gym or pay \$22.25 per month with no money down. How many months until the plans cost the same (the breakeven point). Round to the nearest whole month. Explain using calculations.

23

176) John marked down a shirt in his store by $\frac{1}{11}$ and it now costs \$50. What was the original price of the shirt?

54.55

177) A shirt that originally cost \$75 is marked down by $\frac{1}{20}$. What is the shirt's final price?

71.25

178) A shirt that originally cost \$45 is marked down by $\frac{1}{9}$ and then it is marked down an additional 42%. What is the shirt's final price?

23.20

179) A stock costs \$8.60. It then increased \$1.20 a month later. What was the percentage increase of the stock? Round to the nearest tenth.

14.0%

180) Kiki sold $\frac{9}{14}$ of her math songs collection and then gave away another $\frac{1}{7}$ of the original amount. What fraction of her original collection was left? What percent of her original collection did she have left? Round the percentage to the nearest tenth.

$\frac{3}{14}$, 21.4%