

## Warm-up Test Review

### NO CALCULATORS:

1) The cost of living has increased by 9.025 percent 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 hundredth.

(1.09025)

2) CBI shares cost \$3.23 each. A week later they cost \$3.19 per share. What is the percent change in price? Round the percent to the nearest tenth.

(1.2%)

3) Apple shares cost \$6.55 each. A week later they cost \$7.20 per share. What is the percent increase in price? Round the percentage to the nearest tenth.

(9.9%)

4) John had 100 shares of stock worth \$18 per share. He sold  $\frac{1}{6}$  of his shares. What is the value of his remaining shares? Round to the nearest tenth.

(\$1,499.40)

5) One dollar can be exchanged for 27 yen in Japan. How many yen is \$6.20 worth?

(167.40)

6) One dollar can be exchanged for 19 pesos. 28 pesos purchased will be worth how many dollars or cents? Round to the nearest hundredth.

(\$1.47)

7) 44 pesos are worth \$0.90 How many pesos can be exchanged for \$1? Round to the nearest whole peso.

(49)

8) Coca Cola shares cost \$27.63 each. A week later they decreased 24% per share. What is the current price? Round to the nearest hundredth.

(\$21.00)

9) Coca Cola shares cost \$42.30 each. A week later they increased 24% per share. What is the current price? Round the percentage to the nearest hundredth.

(\$52.45)

10) Joanna owned 144 shares of Office depot. She now owns 87 shares. The shares she owned changed by what percent? Round to the nearest tenth.

39.6%

11) Joanna owned 37 shares of Office depot. She now owns 120 shares. The shares she owned changed by what percent. Round to the tenths place.

224.3%

12) Kianna owned 129 shares of Pepsico stock. She bought additional shares equal to  $\frac{1}{8}$  of the original amount. She then sold 25% of the new total. How many shares does Kianna now own. Round to the nearest tenth.

108.8

13) A stock that costs \$4.98 increased in value 7% in year 1. It then decreased in value by 12%. What is the stock's final value?

4.69

14) Jose has \$4,912.21 in his bank account as of March 15. He withdraws \$3,897.12 on March 22 and then withdraws \$423.65 at an ATM on April 3. The bank charges \$13 at the end of each month when his balance falls below \$1,000.00. What is his bank balance on June 1?

565.44

15) Joanna can pay a downpayment of \$1,200 and \$17.50 per month to work out at a gym or pay \$38.00 per month with no money down. How many months until the plans cost the same amount (the breakeven point)? Round to the nearest whole month

59

16) John marked down a shirt in his store by 27% and it now costs \$50. What was the original price of the shirt? Round to the nearest hundredth.

68.49

17) A shirt that originally cost \$112 is marked down by  $\frac{1}{14}$ . What is the shirt's final price?

104

18) A shirt that originally cost \$59 is marked down by  $\frac{1}{5}$  and then it is marked down an additional 31%. What is the shirt's final price?

32.57