

GENERAL MATHEMATICS

Name of the Learner: _____ Grade level: _____

Section: _____ Date: _____

LEARNING ACTIVITY SHEET MARKET INDICES FOR STOCKS AND BONDS

Background Information for learners

An index is an indicator or measure of something, and in finance, it typically refers to a statistical measure of change in a securities market. In the case of financial markets, stock and bond market indices, they consist of a hypothetical portfolio of securities representing a particular market or a segment of it.

Learning Competencies with code

The students are able to analyze the different market indices for stocks and bonds

M11GM-IIe-4

ACTIVITY 1. Directions. Find the market price of one P1,000,000.00 bond at each quoted price. Write your answer on the blank provided.

Example:

at 43

$$0.43 * P1,000,000 = P430,000$$

at $206\frac{1}{4}$

- a. at 38 _____
- b. at 16 _____
- c. at 89 _____
- d. at $99\frac{3}{4}$ _____

e. at $106\frac{1}{2}$ _____

ACTIVITY 2. Directions. Find the total cost of each stock purchased below. (2 points each)

No. Of Shares	Market price per Share	Commission	Total cost
86	P2.58	P20.00	1.
2000	P0.98	P300.00	2.
580	P100.00	P1,500.00	3.
38	P650.50	P3,000.00	4.
1989	P1,050.00	P50,000.00	5.

ACTIVITY 3. Answer each of the following.

1. If you bought 600 shares of CJJ Bank Corp. stock at the 52 -week low, P43.65 per share, and sold at the 52-week high , P51.20 share,

a. How much money did you make on this transaction (ignoring the dividends) (2points)

b. What is the broker's commission if the broker charges 6% of the total sale price?(2points)

2. Ms. Hazel bought 378 shares of CJJ stocks at its 52-week low, P652.30 per share, and sold at the 52-week high, P1,023.00 per share.

a. How much did Ms. Hazel make on this transaction, dividends not included?(2points)

b. Find the broker commission if the broker charges 9.2% of the total sale price. (2points)

3. Christian bought 529 shares of CJJ stock at its 52-week low, P1,095.00 per share , and its sold at 52-week high ,P1758.80 per share.

a. How much did Christian make on this transaction, (dividends not included)?(2points)

b. Find the broker commission if the broker charges 8% of the total sale price.(2points)

Reflection (*The learner writes how he/she feels about the activity.*)

References for learners:

Oronce, O. (2016). General Mathematics. Manila: Rex bookstore, Inc.

<https://www.investopedia.com/terms/i/index.asp>

Answer key:

Activity 1

1. 380,000
2. 160,000
3. 890,000
4. 895,000
5. 1,065,00

Activity 2

1. P241.88
2. P2260
3. P59,500
4. P27,719
5. P2,138,450

Activity 3

1.
 - a. P4,530.00
 - b. P1,843.00
2.
 - a. P140,124.6
 - b. P35,575.84
3.
 - a. 351,150.2
 - b. 74,432.46