



# MATHS

## BOOKS - TARGET MATHS (HINGLISH)

### FINANCIAL PLANNING

#### Example

1. Taxable value of Jacket is 1900. If the rate of GST is 12%. Then what is the price of the jacket for the customer.



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2. A manufacturer sold a bicycle for Rupees 4000 to the wholesaler. Wholesaler sold it to the retailer for Rupees 4800. Retailer sold it to a customer for Rupees 5200. Complete the following activity to find the payable GST at each stable of trading.



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3. If NAV of one unit is 40, then how many units will be allotted for the investment of 20,000.



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4. Ganesh purchased a share of FV 100 for MV of 140. Company declared 20% dividend on the share. Find the rate of return.



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5. Trader of Mumbai (M) purchased some electronic parts from trader of Kerala (K) and he paid tax of 6000 as IGST to trader in Kerala (K).

Trader of Mumbai sold these electronic parts to local consumer for 32,143 and collected 9000 GST. Basedo calculate GST payable by the trader of Mumbai.



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6. Nalinitai invested 6024 in the shares of FV 10 when the Market Value was 60. She sold all the shares at MV of 50 after taking 60% dividend. She paid 0.4% brokerage at each stage of transactions. What was the total gain or loss in this transaction?



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7. In the above example if GST was paid was 18% on brokerage, then the loss is 451.92.

Verify whether you the same answer.



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## Practice Set 4 1

1. Pawan medical supplies medicines on some medicines the rate of GST is 12% then what is the rate of CGST and SGST?



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2. On certain article if the rate of CGST is 9% then what is the rate of SGST? What is the rate of GST?



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3. M/S real paint sold 2 tins of lustre paint and taxable value of each tin is Rs 2800 if the rate of GST is 28% then find the amount of CGST and SGST charged in the tax invoice



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4. The taxable value of a wristatch belt is Rs 586 The rate of GST is 18% Then what is the price of the belt for the customer?



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5. The Total value (with GST) of a remote controlled toy car is Rs 1770 The rate of GST is 18% on toys find the taxable value CGST and SGST for this toy car



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6. Tiptop Electronic' supplied an AC 1.5 ton to a company. Cost of the AC supplied is 51,200 (with GST). Rate of CGST on AC is 14%. Then find the following amounts as shown in the tax invoice of Tiptop Electronics.

- (i) Rate of SGST
- (ii) Rate of GST on AC
- (iii) Taxable value of AC
- (iv) Total amount of GST
- (v) Amount of CGST
- (vi) Amount of SGST



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7. Prasad purchased a washing machine from Maharashtra Electronic Goods. The discount of 5% was given on the printed price of Rs 40000. The rate of GST charged was 28%. Find the purchased price of the washing machine for Prasad. Also find the amount of CGST and SGST shown in the tax invoice.



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## Practice Set 4 2

1. Chetana store paid total GST of Rs 100500 at the time of purchase and collected GST Rs 122500 at the time of sale during 1st of July 2017 to 31st July 2017 find the GST payable by Chetana stores



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2. Nazama is a proprietor of a firm, registered under GST. She has paid GST of 12,500 on

purchase and collected 14,750 on sale. What is the amount of ITC to be claimed? What is the amount of GST payable.?



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**3.** Amir Enterprise purchased chocolate sauce bottles and paid GST of 3800. He sold those bottles to Akbari Bros. and collected GST of 4100. Mayank Food Corner purchased these bottles from Akbari Bros. and paid GST of 4500. Find the amount of GST payable at every

stage of trading and hence find payable CGST and SGST.



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4. Malik Gas Agency (Chandigarh Union Territory) purchased some gas cylinders for industrial use for 24,500, and sold them to the local customer for 26,500. Find the GST to be paid at the rate of 5% and hence the CGST andd UTGST to be paid for this transaction.

(for Union Territories there is UTGST instead of SGST).



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5. M/s, Beauty Products paid 18% GST on cosmetics worth 6000 and sold to a customer for 10,000. What are the amounts of CGST and SGST shown in the tax invoice issued?



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**6. Prepare Business to Business (B2B) Tax Invoice as per the details given below. Name of the supplier, address, Date etc. as per your choice.**

Supplier-Name, Address, State, GSTIN, Invoice No.,

Date

Recipient-Name, Address, State, GSTIN

Items:

(i) Pencil boxes 100, HSN-3924, Rate- 20, GST

12%

(ii) Jigsaw Puzzles 50, HSN 9503, Rate -100 GST

12%.



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## Practice Set 4 3

1. Complete the following table by writing suitable number and words.

Sr.No	FV	Share is at	MV
i.	₹ 100	Par	...
ii.	...	Premium ₹ 500	₹ 575
iii.	₹ 10	...	₹ 5



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2. Mr. Amol purchased 50 shares of Face value 100 when the Market value of the share was 80. Company had given 20% dividend. Find the rate of return on investment.



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3. Joseph purchased following shares, Find his total investment.

Company A: 200 shares, FV= 2 Premium =18.

Company B : 45 shares, MV=500

Company C : 1 share, MV=10,540



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4. Smt Deshpande purchased shares of FV Rs 5 at a premium of Rs 20 How many shares will she get for Rs 20000 ?



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5. Shri Shantilal has purchased 150 shares of FV 100, for MV of 120. Company has paid dividend at 7%. Find the rate of return on his investment.



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6. If the face value of both the shares is same, then which investment out of the following is more profitable?

Company A : dividend 16%, MV=80,

Company B : dividend 20%, MV=120.



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## Practice Set 4 4

1. Market value of a share is 200. If the brokerage rate is 0.3% then find the purchase value of the share.



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2. A share is sold for the market value of 1000. Brokerage is paid at the rate of 0.1%. What is the amount received after the sale?



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3. Smt. Desai sold shares of face value 100 when the market value was 50 and received 4988.20. She paid brokerage 0.2% and GST on brokerage 18%, then how many shares did she sell?



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4. Mr. D'souza purchased 200 shares of FV 50 at a premium of 100. He received 50% dividend on the shares. After receiving the dividend he sold 100 shares at a discount of 10 and remaining shares were sold at a premium of 75. For each trade he paid the brokerage of 20. Find whether Mr. D'souza gained or incurred a loss? By how much?



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## Practice Set 4 A

1. Rate of GST on essential commodities is .....

A. 0.05

B. 0.12

C. 0

D. 0.18

**Answer: C**



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2. The tax levied by the central government for trading within state is.....

A. IGST

B. CGST

C. SGST

D. UTGST

**Answer: B**



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3. GST system was introduced in our country from ....

A. 31st March 2017

B. 1st April 2017

C. 1st January 2017

D. 1st July 2017

**Answer: D**



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4. The rate of GST on stainless steel utensils is 18%, then the rate of state GST is .....

A. 0.18

B. 0.09

C. 0.36

D. 0.009

**Answer: B**



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5. In the format of GSTIN there are .....alpha-numerals.

A. 15

B. 10

C. 16

D. 9

**Answer: A**



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6. When a registered dealer sells goods to another registered dealer under GST, then this trading is termed as .....

A. BB

B. B2B

C. BC

D. B2C

**Answer: B**



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7. A dealer has given 10% discount on a showpiece of 25,000. GST of 28% was charged on the discounted price. Find the total amount shown in the tax invoice. What is the amount of CGST and SGST.



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8. A ready-made garment shopkeeper gives 5% discount on the dress of 1000 and charges 5% GST on the remaining amount, then what is

the purchase prices of the dress for the customers?



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**9.** A trader from Surat, Gujarat sold cotton clothes to a trader in Rajkot, Gujarat. The taxable value of cotton clothes is 2.5 lacs. What is the amount of GST at 5% paid by the trader in Rajkot?



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**10.** Smt. Malhotra purchased solar panels for the taxable value of 85,000. She sold them for 90,000. The rate of GST is 5%. Find the ITC of Smt. Malhotra. What is the amount of GST payable by her?



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**11.** A company provided Z-security services for the taxable value of 64,500. Rate of GST is 18%. Company has paid GST of 1550 for laundry services and uniform etc. What is the amount

of ITC (input Tax Credit)? Find the amount of CGST and SGST payable by the company.



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**12.** A dealer supplied Walky-Talky set of 84,000 (with GST) to police control room. Rate of GST is 12%. Find the amount of state and central GST charged by the dealer Also find the taxable value of the set.



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**13.** Anna Patil (Thane, Maharashtra) supplied vacuum cleaner to a shopkeeper in Vasal (Mumbai) for the taxable value of 14,000, and GST rate of 28%. Shopkeeper sold it to the customer at the same GST rate for 16,800 (taxable value). Find the following:

Amount of CGST and SGST shown in the tax invoice issued by Annu Patil.



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**14.** Anna Patil (Thane, Maharashtra) supplied vacuum cleaner to a shopkeeper in Vasal (Mumbai) for the taxable value of 14,000, and GST rate of 28%. Shopkeeper sold it to the customer at the same GST rate for 16,800 (taxable value). Find the following:

Amount of CGST and SGST charged by the shopkeeper in Vasai.



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**15.** Anna Patil (Thane, Maharashtra) supplied vacuum cleaner to a shopkeeper in Vasal (Mumbai) for the taxable value of 14,000, and GST rate of 28%. Shopkeeper sold it to the customer at the same GST rate for 16,800 (taxable value). Find the following:

What is CGST and SGST payable by shopkeeper in Vasai at the time of filing the return.



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1. If the face value of share is 100 and Market value is 75. then, which of the following statement is correct?

A. The share is at premium of 175

B. The share is at discount of 25

C. The share is at premeium of 25

D. The share in at discount 75

**Answer: B**



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2. What is the amount of dividend received per share of face value 10 dividend declared is 50%

A. 50

B. 5

C. 500

D. 100

**Answer: B**



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3. The NAV of a unit in mutual fund scheme is 10.65, then find the amount required to buy 500 such units.

A. 5325

B. 5235

C. 532500

D. 53200

**Answer: A**



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4. Rate of GST on brokerage is .....

A. 0.05

B. 0.12

C. 0.18

D. 0.28

**Answer: C**



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5. To find the cost of one share at the time of buying the amount of Brokerage and GST is to be .....MV of share.

- A. added to
- B. subtracted from
- C. Multiplied with
- D. divided by

**Answer: A**



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6. Find the purchase price of a share of FV 100 if it is at premium of 30. The brokerage rate is 0.3%.



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7. Prashant bought 50 shares of FV 100, having MV 180. Company gave 40% dividend on the shares. Find the rate of return on investment.



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**8.** Find the amount when 300 shares of FV 100, were sold at a discount of 30.



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**9.** Find the number of shares received when 60,000 was invested in the shares of FV 100 and MV 120.



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**10.** Smt. Mita Agrawal invested 10,200 when MV of the share is 100. She sold 60 shares when the MV was 125 and sold remaining share when the MV was 90. She paid 0.1% brokerage for each trading. Find the whether she made profit or loss? and how much?



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**11.** Market value of shares and dividend declared by the two companies is given below.

Face value of same and it is 100 for both the shares. Investment in which company is more profitable?

(i) Company A- 131, 12%

(ii) Company B -144.16%



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**12.** Shri. Aditya Sanghavi invested 50,118 in shares of FV 100, when the market value is 50. Rate of brokerage is 0.2% and Rate of GST on

brokerage is 18%, then How many shares were purchased for 50,118?



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**13.** Shri. Batliwala sold shares of 30,350 and purchased shares of 69,650 in a day. He paid brokerage at the rate of 0.1 on sale and purchase. 18% GST was charged on brokerges. Find his total expenditure on brokerage and tax.



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**14.** Smt. Aruna Thakkar purchased 100 shares of FV 100 when the MV is 1200. She paid brokerage at the rate of 0.3% and 18% GST on brokerage. Find the following -

- (i) Net amount paid for 10 shares.
- (ii) Brokerage paid on sum invested.
- (iii) GST paid on brokerage.
- (iv) Total amount paid for 100 shares.



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15. Smt. Anagha Doshi purchased 22 shares of FV 100 for Market Value of 660. Find the sum invested. After taking 20% dividend, she sold all the shares when market value was 650. She paid 0.1% brokerage for each trading done. Find the percent of profit or loss in the share trading.(Write your answer to the nearest integer)



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1. Choose correct alternative for each of the following questions:

(2) The tax levied by the central government for trading within state is .....

A. IGST

B. CGST

C. SGST

D. UTGST

**Answer: B**



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2. The rate of GST on metal product is 28%, then the rate of CGST is .....

A. 0.18

B. 0.14

C. 0.36

D. 0.014

**Answer: B**



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3. Trading between GSTIN holder and consumer is termed as, .....

A. BB

B. B2B

C. BC

D. B2B

**Answer: D**



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4. If the Face Value of a share is 200 and Market value is 275, then which of the following statement is correct?

- A. The share is at premium of 75
- B. The share is at discount of 75
- C. The share is at premeium of 200
- D. The share in at discount 275

**Answer: A**



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5. What is the amount of dividend received per share of face value 20 dividend declared is 40%

A. 8

B. 800

C. 0.8

D. 100

**Answer: A**



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6. If NAV of one unit is 250, then how many such units will be required for the investment of 100000?

A. 400

B. 200

C. 4000

D. 100

**Answer: A**



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7. To find the cost of one share at the time of buying the amount of brokerage and GST is to be ..... The MV of share.

- A. multiplied with
- B. subtracted from
- C. added to
- D. divided by

**Answer: B**



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8. If Sachin invested amount of 28,000 in mutual fund and got profit of 7000, then his percentage of profit is.....

A. 0.25

B. 0.2

C. 0.1

D. 0.15

**Answer: A**



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## Additional Problems For Practice Based On Practice Set 4 1

1. Rate of GST on a certain product is 14% , then what is the rate of CGST and SGST.



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2. Arati Gas Agency supplied LPG cylinder to the consumer for taxable value of 545. GST charged is 5%. What is the amount of CGST and SGST in the tax invoice? What is the total



amount paid by the consumer? Find the amount of GST to be paid by Arati Gas Agency.



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**3.** Courier service agent charged total 590 to courier a parcel from Nashik to Nagpur. In the tax invoice value is 500 on which CGST is 45 and SGST is 45. Find the rate of GST charged for this service.



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4. Shreeker bought a Laptop with 10% discount on printed price. The printed price of that Laptop was 50,000. 18% GST was charged on discounted price. Find the amount of CGST and SGST. What amount did shreekar pay?



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5. The taxable value of mobile phone is 2500. Rate of GST is 12%. Then what is the price of the mobile for the customer?



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6. Kings Hardware' supplied of 26432 (with GST) to a company. Rate of SGST on printer is 9%. Find the following amounts as shown in the tax invoice of 'Kings Hardware'.

i. Rate of CGST

ii. Rate of GST

iii. Taxable value of printer

iv. Total amount of GST

v. Amounts of SGST and CGST.



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7. Seema purchased a Dry fruits from 'Super market. The discount of 2% was given on the printed price of 9,000. Rate of GST charged was 12%. Find the purchase price of dry fruits. Also find amount of GST.



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**Additional Problems For Practice Based On  
Practice Set 4 2**

1. Mr. Rohit is a retailer. He paid GST of 6500 at the time of purchase. He collected of GST of 8000 at the time of sale.

(i) Find has input tax and output tax.

(ii) What is his Input tax credit?

(iii) Find his payable GST.

(iv). Hence find the payable CGST and payable SGST.



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2. M/s. Jay Chemicals purchased a liquid soap having taxable value 10,000. Rate of GST is 18%. Find the CGST and SGST payable by M/s. Jay Chemicals.



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3. M/s. Jay Chemicals purchased a liquid soap for 8000 (with GST) and sold it to the consumer for 10,000 (with GST). Rate of GST is

18%. Find the amount of CGST and SGST to be paid by Jay Chemicals.



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4. Al Food Mart' paid total GST of 75,200 at the time of purchase and collected GST 96,200 at the time of sale during 1st of March 2018 to 31st March 2018. Find the GST payable by Al Food Mart.



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5. Mr. Bajaj paid 28% GST on spare parts of motor cycle worth 15,000 and sold to a customer for 20,000. What are the amounts of CGST and SGST shown in the tax invoice issued?



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**Additional Problems For Practice Based On  
Practice Set 4 3**



1. If 50 shares of FV 100 each are purchased for MV 120. Find the sum invested.



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2. If you want to purchase 50 shares of MV 50 each. What is the total amount to be paid?



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3. Shriyas purchased a share of FV 100 for MV of 120. Company declared 15% dividend on the share. Find the rate of return.



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4.  $FV=100$ , Premium =65 then  $MV=?$



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5. Complete the following table using given information

Sr. No.	FV	Shares is at	MV
i.	₹ 10	Premium ₹ 7	
ii.	₹ 25		₹ 16
iii.		at par	₹ 5



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6. Neel has invested in shares as follows. Find his total investment.

Company A : 350 shares, FV=10, premium =7

Company B : 2750 shares, FV=5, Discount =1

Company C : 50 shares, FV=100, MV=150



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7. If 50 shares of FV 10 were purchased for MV of 25. Company declared 30% dividend on the shares then find

- i. Sum investment
- ii. Dividend received
- iii. Rate of return.



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8. Mr. Suraj purchased 70 shares of Face value 100 when the Market value of the share was 120. Company had given 15% dividend. Find the rate of return of investment.



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9. If the face value of both the shares is same, then which investment out of the following is more profitable?

Company A: dividend 15%, MV=110,

Company B: dividend 12%, MV=150.



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## Additional Problems For Practice Based On Practice Set 4 4

1. Suppose if the same face value of the share is 100 and market value is 150. Let the rate of brokerage to 0.5. What amount should one pay for purchasing 100 such shares? What

amount should one receive after selling 100 such shares?



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2. As given in Q.1, suppose a person has paid 15,075 for buying 100 shares. In that 75. Find the amount of GST he paid to the broker and prepare the contract note.



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3. Bashirkhan purchased 100 shares of MV 40. Brokerage paid at the rate of 0.5% and rate of GST on brokerage is 18%. Find the total amount he paid for the share purchase.



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4. Pankajrao invested 1,25,295 in shares of FV 10, when MV is 125. Rate of brokerage is 0.2% and GST is 18%. Then find (i) How many shares



were purchased. (ii). The amount of brokerage paid and (iii) GST paid for the trading.



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5. If the total value of the mutual fund scheme is 200 crores and 8 crore units are issued them find the NAV of one units.



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6. If NAV of one unit is 25, then how many units will be allotted for the investment of 10,000?



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7. Market value of a share is 150. If the brokerage rate is 0.2% then find for the investment of 10,000.



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**8.** A share is sold for the market value of 1500. Brokerage is paid at the rate of 0.3%. What is the amount received after the sale?



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**9.** Smt. Desai shares of face value 100 when the market value was 60 and received 5978.76. She paid brokerage 0.3% and GST on brokerage 18%, then how shares did she sell?



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1. GSTIN is ..... Identification number.

A. Customer's

B. dealer's

C. State's

D. product's

**Answer: B**



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2. Which of the following is last link in the trading chain?

A. B2B

B. B2C

C. BC

D. BB

**Answer: B**



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3. Dividend is calculated on ....

A. FV

B. MV

C. GST

D. brokerage

**Answer: A**



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4. If Sunil purchase 30 shares of MV 60 each.

What is the total amount to be paid?

A. 2000

B. 1800

C. 900

D. 2000

**Answer: B**



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5. Mr. Solanki sold 2 water filter and taxable value of each filter is 6500. If the rate of GST is 18% then find the amount of GST charged in the tax invoice.



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6. Market value of share is 275. If the brokerage rate of 0.2%. Then find the purchase value of the share.



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7. Complete the following table by writing suitable number and words.

Sr. No.	FV	share is at	MV
a.		Premium ₹ 600	₹ 775
b.	₹ 100		₹ 75



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8. Courier service agent charged total 590 to courier a parcel from Nashik to Nagpur. In the tax invoice value is 500 on which CGST is 45

and SGST is 45. Find the rate of GST charged for this service.



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9. M/s. Jaay Chemicals purchased a liquid soap having taxable value 8000 and sold it to the consumers for the taxable value 10,000. Rate of GST is 18%. Find the CGST and SGST payable by M/s. Jay Chemicals.



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**10.** Market value of shares and dividend declared by the two companies is given below. Face value is same and it is 100 for both the shares. Investment in which company is more profitable?

a. Company A -160, 15%

b. Company B -225, 20%



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**11.** Mr. Desai sold shares of 27,250 and purchased shares of 72,750 in a day. He paid

brokerage at the rate of 0.2% on sale and purchase. 18% GST was charged on brokerage. Find his total expenditure on brokerage and tax.



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**12.** Saraswati college purchase a computer for their lab. The discount of 10% was given on the printed price of computer. Rate of GST charged was 18%. Purchase price for computer is 47,790. Find the printed on computer.



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**13.** Mr. Joshi purchased 125 shares of FV 100 for market value of 90. After taking 20% dividend in first year and 15% dividend in second year. He sold all the shares when market value was 105. He paid 50 paise per share brokerage for each transaction done. Find the profit or loss in the transaction.



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**14.** A dealer supplied Walky-Talky set of 84,000 (with GST) to police control room. Rate of GST is 12%. Find the amount of state and central GST charged by the dealer Also find the taxable value of the set.



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