

Name: _____ Class: _____ Div: _____ Roll No: _____

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$$\text{Loss} = \text{CP}$$

$$\text{OP} = \frac{450}{6.75} = 600$$

$$7) \text{MP} = \frac{800}{80} \times 100 = 1000$$

$$8) \text{CP} = \frac{1800}{125} \times 100 = 1440$$

$$\text{Profit} = 100 - \left(\frac{1440}{100} \times 100 \right)$$

$$= 100 - 120$$

$$= 20$$

$$9) \text{GP} = \frac{1500 \times 10}{100} = 150$$

$$\text{SP} = 1350$$

$$10) \text{Profit \%} = \frac{200 - 150}{150} \times 100$$

$$= \frac{50}{150} \times 100$$

$$= 33.33\%$$

$$\text{Profit} = 100 - \left(\frac{960}{800} \times 100 \right)$$

$$= 100 - 120$$

$$= 20$$

$$\text{SP} = 1200, 20\% = .20$$

$$\text{GP} = \text{CP} = \frac{1200}{80} \times 100 = 1500$$

$$11) \text{Let initial price} = 100$$

$$\text{after } 15\% = 85$$

$$20\% \text{ of } 85 = 68$$

$$\text{Profit} = 100 - \left(\frac{450}{100} \times 100 \right)$$

$$= 20\%$$

$$\frac{42}{100} \approx 42$$

$$12) \text{CP} = \frac{2250}{11} \times 100 = 2045$$

$$\text{Let initial price} = 100$$

$$20\% = \frac{20}{100} \times 100 = 20$$

$$80 - 10\% = 72$$

$$100 - 28\% = 72$$

$$13) \text{SP} = 800 \times \frac{125}{100} = 1000$$

$$14) \text{CP} = \frac{15000}{90} \times 100 = 16666.67$$

$$\approx 16500$$

ASTMAN

Change = 27.20

ASTMAN

$$15) \frac{150-20}{100} \times 100 = 20\%$$

$$25) CP = \frac{1250}{88} \times 100 = 1420.45$$

$$16) P = M_p = 400 \times \frac{112}{100} = 448 \approx 55$$

$$26) \text{ Let } CP = 100$$

$$SP = 200 \text{ for } 1/8$$

Let 10 articles

$$8 = 200$$

$$\therefore \text{profit} = \frac{800}{2} = 400$$

$$17) \text{ Profit} = \frac{576 - 480}{480} \times 100 = 20\%$$

$$18) \text{ Profit} = SP - CP$$

$$SP = 500 + 50 = 550$$

$$\text{Profit} = \frac{550 - 500}{500} \times 100 = 10\%$$

$$27) 7 \times 0.20 \times 2 = 4.40$$

$$7 = \frac{345}{490} \times 5$$

$$19) \text{ Profit} = \frac{SP - CP}{CP}$$

$$115 CP = 230000$$

$$CP = \frac{230000}{115} = 2000$$

28)

$$20) CP = \text{gain} = \frac{900 - 750}{750} = 20\%$$

$$29) \text{ Profit} = \frac{-20\% \times 100 + (50 \times 0.5)}{1} = 15$$

$$21) CP = \frac{640}{88} \times 100 = 800$$

$$20) \text{ Loss \%} = \frac{-50}{110} \times 100$$

$$22) CP = \frac{9600}{120} \times 100 = 8000$$

$$6000$$

$$= 45.45 \times 100$$

$$6000$$

$$= 7.4\%$$

$$23) CP = \frac{500}{1.2} = 416.67$$

$$31) CP = \frac{500}{20} \times 100 = 2500$$

$$24) 300 p - 150 L = 150 \text{ profit}$$

5% profit

$$CP_N = \frac{2500 \times 80}{100} = 2000$$

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$$\text{Profit} = 2500 - 2000 = 1000$$

32)

$$CP = \frac{100}{40} \times CP$$

$$\text{Profit} = \frac{90}{100} \times \frac{125}{100} \times 100$$

$$= 45.125\%$$

33)

$$\text{Profit} = \frac{500}{6} \times 100 = 5\%$$

34)

$$\text{Decr} = \frac{25}{125} \times 100 = 20\%$$

35)

$$\text{Profit} = \frac{2}{15} \times 100 = 13.33$$

36)

$$0.4q = 0.53$$

$$\frac{q}{b} = \frac{0.5}{0.4} = \frac{5}{4}$$

37)

$$SP = MP - D$$

$$= 50 - 29 = 21$$

∴

21 times.

38)

$$x = \frac{20}{100} \times \frac{12}{100} \times \frac{120}{100} \times 6250$$

$$= 180$$

40)

$$MP = \frac{500 \times 120}{65} = 1539$$

41)

$$\text{Decr} = \frac{25}{125} \times 100 = 20\%$$

42)

$$SP = MP - 2CP$$

$$= 10000 - 6666.67$$

$$= 3333.33$$

43)

$$CP = \frac{60}{100} \times 12600$$

$$= 7560$$

44)

$$x = 120$$

45)

$$\text{Value} = 2 \times 3 \times 2 \times 3 \times 2 \times 3 = 108x$$

$$\text{Change} = \frac{108x - x}{x} \times 100 =$$

46)

$$279 - \frac{65}{100} = 81.9$$

47)

$$\text{Value} = \frac{90}{100} \times 9 \times 9 \times 90 = 729$$

48)

$$\text{Decr} = \frac{13}{25} = 52\%$$

$$\uparrow = 12 \times \frac{25}{100} = 20.8\%$$

$$\text{Change} = 49.40\%$$