**Profit & Loss Questions**

**1.** A shopkeeper buys an article for $250 and sells it for $300. What is his profit percentage?  
a) 10%  
b) 15%  
c) 20%  
d) 25%  
**Answer: c) 20%**

**2.** If an item is sold at a loss of 10%, and the selling price is $180, what was the cost price?  
a) $190  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**3.** A trader makes a profit of 15% by selling a product for $230. What was the cost price?  
a) $195  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**4.** If a man sells two items at $100 each, one at 20% profit and the other at 20% loss, what is the net result?  
a) No profit, no loss  
b) 4% profit  
c) 4% loss  
d) 2% loss  
**Answer: c) 4% loss**

**5.** A shirt is sold at a 25% discount. If the marked price is $400, what is the selling price?  
a) $300  
b) $320  
c) $350  
d) $380  
**Answer: b) $300**

**6.** If the cost price is $80 and the profit is 25%, what is the selling price?  
a) $90  
b) $95  
c) $100  
d) $105  
**Answer: c) $100**

**7.** A person sells a watch for $150 and gains 25%. What is the cost price?  
a) $100  
b) $110  
c) $115  
d) $120  
**Answer: d) $120**

**8.** An article is sold for $144 at a loss of 10%. What was the cost price?  
a) $150  
b) $160  
c) $170  
d) $180  
**Answer: a) $160**

**9.** A man gains 20% on selling a book for $240. Find the cost price.  
a) $190  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**10.** A trader marks his goods 40% above cost and allows a discount of 10%. What is his gain percent?  
a) 26%  
b) 30%  
c) 28%  
d) 32%  
**Answer: a) 26%**

###### ChatGPT said:

Sure! Here is a set of **40 percentage‑type multiple‑choice questions** (MCQs), inspired by the styles found in **Ultimate IQ Tests** (Carter & Russell) and **Advanced IQ Tests** (Philip Carter) as well as the **501 challenge** question format [ays-pro.com+7archive.org+7researchgate.net+7](https://archive.org/download/Ultimate_IQ_Tests_Philip_Carter_Ken_Russell/Ultimate_IQ_Tests_Philip_Carter__Ken_Russell.pdf?utm_source=chatgpt.com).

### 🔹 Percentage‑Type IQ Questions (40 MCQs)

1. A price of $200 is reduced by 10%, then increased by 10%. The final price is:  
   a) $198 b) $200 c) $202 d) $180  
   ✅ **Answer: a) $198**
2. If you score 80% on a test of 50 questions, how many did you answer correctly?  
   a) 35 b) 40 c) 45 d) 30  
   ✅ **Answer: b) 40**
3. 20% of 150 is:  
   a) 30 b) 25 c) 35 d) 40  
   ✅ **Answer: a) 30**
4. A number is decreased by 25%, then increased by 25%. Net effect is:  
   a) No change b) +6.25% c) –6.25% d) ±12.5%  
   ✅ **Answer: c) –6.25%**
5. Increase 200 by 50%, then reduce by 50%. Final is:  
   a) 150 b) 175 c) 100 d) 200  
   ✅ **Answer: a) 150**
6. A salary increases by 10% then another 10%. Equivalent single increase is:  
   a) 20% b) 21% c) 19% d) 18%  
   ✅ **Answer: b) 21%**
7. What is 15% of 360?  
   a) 54 b) 45 c) 60 d) 48  
   ✅ **Answer: a) 54**
8. 60 is what percent of 240?  
   a) 25% b) 20% c) 30% d) 15%  
   ✅ **Answer: a) 25%**
9. A value rises from 400 to 500. The percentage increase is:  
   a) 20% b) 25% c) 30% d) 15%  
   ✅ **Answer: b) 25%**
10. A quantity drops from 250 to 200. The percent decrease is:  
    a) 20% b) 25% c) 15% d) 18%  
    ✅ **Answer: a) 20%**
11. 40% of a number is 80. The number is:  
    a) 200 b) 180 c) 160 d) 220  
    ✅ **Answer: a) 200**
12. What percent of 90 is 36?  
    a) 40% b) 45% c) 35% d) 50%  
    ✅ **Answer: a) 40%**
13. Increase x by 60% yields 160. What is x?  
    a) 100 b) 90 c) 110 d) 95  
    ✅ **Answer: a) 100**
14. A price after 30% discount is $350. Original price was:  
    a) $500 b) $450 c) $550 d) $400  
    ✅ **Answer: a) $500**
15. Adding sales tax of 8% to $250 gives:  
    a) $270 b) $260 c) $280 d) $285  
    ✅ **Answer: b) $270**
16. A 12% commission on sales of $600 yields:  
    a) $72 b) $84 c) $66 d) $90  
    ✅ **Answer: a) $72**
17. A population grows by 5% annually. After two years it becomes x. x =  
    a) +10% b) +10.25% c) +9.75% d) +10.5%  
    ✅ **Answer: b) 10.25%**
18. If 8% of x = 20, x =  
    a) 200 b) 250 c) 220 d) 300  
    ✅ **Answer: b) 250**
19. A 25% markup on cost price of $80 sets the price at:  
    a) $100 b) $90 c) $95 d) $105  
    ✅ **Answer: a) $100**
20. A student scores 45 out of 60: percent score =  
    a) 70% b) 75% c) 80% d) 85%  
    ✅ **Answer: b) 75%**
21. If a value increases by 150%, the new value is:  
    a) 2.5× original b) 1.5× c) 2× d) 1.75×  
    ✅ **Answer: a) 2.5×**
22. What is 125% of 40?  
    a) 50 b) 45 c) 48 d) 55  
    ✅ **Answer: a) 50**
23. 85 is what percent more than 50?  
    a) 70% b) 60% c) 65% d) 75%  
    ✅ **Answer: a) 70%**
24. A grant covers 30% of cost equal to $180. Total cost =  
    a) $600 b) $480 c) $540 d) $560  
    ✅ **Answer: a) $600**
25. A discount of 18% on $150 yields savings of:  
    a) $27 b) $24 c) $28 d) $30  
    ✅ **Answer: a) $27**
26. If x is 5% less than y, x = 95% of y. If x = 190, y =  
    a) 200 b) 195 c) 205 d) 180  
    ✅ **Answer: a) 200**
27. A product costs $400 and sells for $500. Profit % =  
    a) 25% b) 20% c) 22.5% d) 30%  
    ✅ **Answer: a) 25%**
28. A value drops by 40% then rises by 40%. Net effect =  
    a) –16% b) +16% c) No change d) –8%  
    ✅ **Answer: a) –16%**
29. After increasing by 20%, a number becomes 72. The original was:  
    a) 60 b) 58 c) 62 d) 65  
    ✅ **Answer: a) 60**
30. A sum grows by compound interest of 10% per year: after 3 years it's approx.  
    a) 33.1% increase b) 30% c) 31% d) 32%  
    ✅ **Answer: a) 33.1%**
31. If 30% of employees are women and there are 45 women, total employees =  
    a) 150 b) 120 c) 135 d) 140  
    ✅ **Answer: a) 150**
32. 12% of 250 is:  
    a) 30 b) 28 c) 32 d) 26  
    ✅ **Answer: c) 30**
33. Decrease 360 by 25%: new value =  
    a) 270 b) 280 c) 300 d) 260  
    ✅ **Answer: a) 270**
34. 70 is 140% of what number?  
    a) 50 b) 45 c) 55 d) 60  
    ✅ **Answer: a) 50**
35. A £200 item has VAT at 20%. Price incl. VAT =  
    a) £240 b) £220 c) £230 d) £250  
    ✅ **Answer: a) £240**
36. If 45 is 150% of x, x =  
    a) 30 b) 35 c) 32.5 d) 28  
    ✅ **Answer: a) 30**
37. 5% of 0.02 =  
    a) 0.001 b) 0.0001 c) 0.0005 d) 0.00005  
    ✅ **Answer: c) 0.001**
38. A section is 20% of a pie chart at 36°. Total circle = 360°. Section represents:  
    a) 20% b) 10% c) 15% d) 5%  
    ✅ **Answer: a) 20%**
39. Raise 80 by 25%, then reduce by 25%. Final:  
    a) 80 b) 79 c) 81 d) 78  
    ✅ **Answer: d) 78**
40. 200 is decreased to 160. Percent drop =  
    a) 20% b) 15% c) 18% d) 25%  
    ✅ **Answer: a) 20%**

### 📘 References

These questions follow the style and difficulty level used in:

* **Advanced IQ Tests** by Philip Carter: known for precise numeracy questions including percentages and multiple‑step percentage logic [en.wikipedia.org](https://en.wikipedia.org/wiki/IQ_classification?utm_source=chatgpt.com).
* **Ultimate IQ Tests** by Carter & Russell: contains multi-disciplinary IQ items including percentage and ratio problems [archive.org](https://archive.org/download/Ultimate_IQ_Tests_Philip_Carter_Ken_Russell/Ultimate_IQ_Tests_Philip_Carter__Ken_Russell.pdf?utm_source=chatgpt.com)[amazon.com](https://www.amazon.com/Ultimate-IQ-Tests-Questions-Brainpower/dp/0749474300?utm_source=chatgpt.com).

If you'd like:

* The questions translated (e.g. Arabic)
* A formatted printable version (PDF or Word)
* Answer explanations per question

—just let me know!







Sources

##### You said:

great now let's go to next type (ratio)

###### ChatGPT said:

Here are **30 multiple‑choice ratio‑type IQ‑style questions**, inspired by the style used in Ultimate IQ Tests, Advanced IQ Tests, and formats similar to ratio exercises in 501 Challenge.

I’ve also referenced JobTestPrep’s numerical‑reasoning practice for ratio logic principles [foxlms.com](https://foxlms.com/blog/40-iq-test-questions-and-answers/?utm_source=chatgpt.com).

## 🔹 Ratio‑Type IQ Questions (30 MCQs)

1. Ben divides $2000 between two sons in ratio 2:3. Larger share is:  
   a) $800 b) $1,200 c) $1,400 d) $1,666 ✅ **b)**
2. A class has boys:girls = 1:3. Ratio girls to boys =:  
   a) 1:3 b) 3:1 c) 1:4 d) 4:1 ✅ **b)**
3. If 3/8 of toy cars are green, ratio green:pink =:  
   a) 3:5 b) 3:8 c) 5:8 d) 8:3 ✅ **a)**
4. Peter's room is twice Paul's. Rent £1200. Peter pays:  
   a) £400 b) £800 c) £600 d) £500 ✅ **b)**
5. Scott’s German:Japanese =5:2; Rachel’s =4:3; both have same number of Japanese cars. Ratio of total Scott:Rachel =:  
   a) 15:8 b) 9:7 c) 1:1 d) 3:2 ✅ **b)**
6. A ratio 5:7 corresponds to values 50 and 70. If first is 100, second is:  
   a) 140 b) 130 c) 150 d) 125 ✅ **a)**
7. Divide $600 in ratio 3:2:1. Middle share =:  
   a) $200 b) $180 c) $240 d) $300 ✅ **a)**
8. There are 2 red, 5 blue balls. Ratio red to blue =:  
   a) 2:5 b) 5:2 c) 2:7 d) 5:7 ✅ **a)**
9. A recipe uses ratio flour:sugar =3:1. If sugar used =200 g, flour =:  
   a) 600 g b) 500 g c) 700 g d) 800 g ✅ **a)**
10. A wheel rotates 8:5, car travels 80 km. If wheel completes 40 rotations, distance =  
    a) 250 km b) 200 km c) 180 km d) 150 km ✅ **b)**
11. Three quantities A:B:C = 2:3:5. If B = 60, A =  
    a) 40 b) 30 c) 20 d) 25 ✅ **a)**
12. A train speed ratio is expressed as 4:5; if first goes 80 km/h, second =  
    a) 100 km/h b) 90 km/h c) 95 km/h d) 85 km/h ✅ **a)**
13. If men:women ratio is 4:6 in a group of 100 people, women =  
    a) 60 b) 40 c) 66 d) 50 ✅ **a)**
14. In ratio 7:3, total is 200. Larger part =  
    a) 140 b) 130 c) 150 d) 160 ✅ **a)**
15. Two quantities in ratio 9:4 total 650; smaller =  
    a) 200 b) 250 c) 150 d) 300 ✅ **a)**
16. A and B are in ratio 5:8. If A = 25, B =  
    a) 40 b) 35 c) 45 d) 50 ✅ **a)**
17. Ratio apples:pears =5:2. If there are 70 fruit, number of pears =  
    a) 20 b) 25 c) 30 d) 15 ✅ **a)**
18. A, B and C in ratio 4:5:6. If total sum = 300, C =  
    a) 100 b) 120 c) 110 d) 130 ✅ **b)**
19. A ratio declines from 6:9 to simplify as:  
    a) 2:3 b) 3:2 c) 4:3 d) 2:5 ✅ **a)**
20. X:Y = 2:7. Combined total is 270. Y =  
    a) 210 b) 180 c) 190 d) 200 ✅ **a)**
21. A, B and C share prize in ratio 3:5:7. B gets $350. Total prize =  
    a) $840 b) $1,050 c) $1,260 d) $1,400 ✅ **c)**
22. Two values ratio 13:17 sum to 300; smaller part =  
    a) 115 b) 130 c) 140 d) 120 ✅ **a)**
23. Car travels 150 km in 3 hrs; bike travels in time ratio 2:5; bike time =  
    a) 7.5 hr b) 6 hr c) 8 hr d) 9 hr ✅ **a)**
24. A ratio can also be written as decimal. For apples:oranges =2:5 equals:  
    a) 0.4 b) 2.5 c) 0.2 d) 5 ✅ **a)**
25. In ratio 2:3:7, if third is 70, total =  
    a) 100 b) 140 c) 120 d) 110 ✅ **b)**
26. A:B = 4:1 and B:C = 2:3. Then A:C =  
    a) 8:3 b) 4:3 c) 8:6 d) 6:3 ✅ **a)**
27. Dogs to cats is 5:7; if there are 84 cats, number of dogs =  
    a) 60 b) 55 c) 65 d) 75 ✅ **a)**
28. If X, Y in ratio 9:16 and difference is 77, smaller =  
    a) 99 b) 44 c) 88 d) 55 ✅ **d)**
29. Ratio price:discount = 10:1 of $220, discount =  
    a) $20 b) $22 c) $21 d) $18 ✅ **b)**
30. Ratio 2:3 scaled gives 14: \_\_\_ → next number =  
    a) 21 b) 18 c) 20 d) 16 ✅ **a)**

### 📘 Inspiration & Styles

These questions follow the **ratio logic and framing** typical of Carter & Russell test series and the 501‑style numerical reasoning challenges—they revolve around dividing totals based on given integer ratios, converting between ratios and amounts, and ensuring two‑step reasoning like combining or simplifying multiple ratios [iq-test.net+1reddit.com+1](https://www.iq-test.net/take-a-free-pre-employment-intelligence-test-with-answers-p2-79.html?utm_source=chatgpt.com).

Let me know if you’d like:

* A **formatted quiz version** (PDF, Word)
* Translations (e.g. Arabic)
* Explanation steps for any question

Happy to assist further!





Sources

##### You said:

great now go to (profit , loss , etc ) type i need 40 question

###### ChatGPT said:

Here is a set of **40 profit & loss / trade-related multiple-choice questions (MCQs)**, inspired by the style of numerical reasoning seen in Ultimate IQ Tests, Advanced IQ Tests, and typical **aptitude** or **501‑style challenge questions**. I've used examples and patterns from reputable online aptitude sources to structure and cite each question.

## 🔹 Profit, Loss, Discount & Markup — 40 MCQs with Answers

### 1–10: Basic Profit & Loss (single transaction)

1. David sells a bicycle at ₹2,100 making a 25% loss. To profit 15%, he should sell it at:  
   a) 2,500  b) 2,990  c) 3,220  d) 3,500  
   ✅ **Answer: b) 2,990** [Meritnotes- Free Mcq, Online Quiz+2sehpaathi.in+2mcqsolve.com+2](https://sehpaathi.in/quantitative-aptitude-mcq-profit-loss/?utm_source=chatgpt.com)[Reddit+12Placement Preparation+12Evidyarthi+12](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
2. Selling at ₹1,920 yields profit equal (in percent) to loss when selling at ₹1,280. To make 25% profit, price should be:  
   a) 1,800  b) 2,000  c) 2,250  d) 2,500  
   ✅ **Answer: b) 2,000** [mcqsolve.com+5Placement Preparation+5epolylearning.com+5](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
3. Selling at ₹150 causes 25% loss. Cost price?  
   a) ₹180 support usage  
   ✅ **Answer: c) ₹200** [techno-geeks.co.in+9multiplechoicequestions.org+9Evidyarthi+9](https://www.multiplechoicequestions.org/aptitude/profit-and-loss-aptitude/?utm_source=chatgpt.com)
4. Selling a horse at 15% profit. If bought for 25% less and sold for ₹600 less, profit would be 32%. Cost price is:  
   a) 3,750  b) 3,250  c) 2,750  d) 2,250  
   ✅ **Answer: a) ₹3,750** [Reddit+13examveda.com+13Placement Preparation+13](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)
5. Chair selling for ₹720 causes 25% loss. To gain 25%, selling price should be:  
   a) 1,200  b) 1,000  c) 960  d) 900  
   ✅ **Answer: a) ₹1,200** [sehpaathi.in+6examveda.com+6Evidyarthi+6](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)
6. A man sells two chairs for ₹1,200 each: one with 20% gain, one with 20% loss. Net?  
   a) 1% loss  b) 2% loss  c) 4% loss  d) 15% gain  
   ✅ **Answer: a) 1% loss** [multiplechoicequestions.org+2examveda.com+2Evidyarthi+2](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)[Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
7. Shopkeeper marks goods 30% above cost, allows 10% discount. Profit?  
   a) 21%  b) 20%  c) 18%  d) 17%  
   ✅ **Answer: a) 21%** [sehpaathi.in+3examveda.com+3Evidyarthi+3](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)
8. Profit percent equals cost‑price when SP is ₹39. CP is:  
   a) 20  b) 22  c) 28  d) 30  
   ✅ **Answer: b) ₹22** [techno-geeks.co.in+7examveda.com+7multiplechoicequestions.org+7](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)
9. Sell 33 m of cloth loses value equal to selling price of 11 m. Loss percent?  
   a) 20%  b) 25%  c) 33.33%  d) 50%  
   ✅ **Answer: c) 33.33%** [epolylearning.com+2Placement Preparation+2mcqtest.in+2](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
10. CP of 12 articles = SP of 8 articles. Profit/loss?  
    a) 20% loss  b) 50% loss  c) 33.33% profit  d) 50% profit  
    ✅ **Answer: c) 33.33% profit** [Placement Preparation+1epolylearning.com+1](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)

### 11–20: Combined Transactions & Discount Scenarios

1. Two smartphones sold at ₹1,200 each: one at 20% gain, one at 20% loss. Overall?  
   a) 2% loss  b) no gain  c) 2% gain  d) 4% loss  
   ✅ **Answer: a) 2% loss** [multiplechoicequestions.org](https://www.multiplechoicequestions.org/aptitude/profit-and-loss-aptitude/?utm_source=chatgpt.com)
2. SP ₹230 gives 15% profit. CP is:  
   a) 200  b) 210  c) 195  d) 220  
   ✅ **Answer: a) ₹200** [multiplechoicequestions.org](https://www.multiplechoicequestions.org/aptitude/profit-and-loss-aptitude/?utm_source=chatgpt.com)
3. Mixture problems: cost varies; sold at fixed rate. For mixed dal (14.50 & 13), sold at ₹15/kg, total gain?  
   ✅ **Answer: ₹27.50** [Meritnotes- Free Mcq, Online Quiz](https://meritnotes.com/aptitude/profit-loss-questions/1-78084/?utm_source=chatgpt.com)
4. Marked price ₹920, customer pays ₹742.90 after two successive discounts: first 15%, second?  
   a) 3%  b) 5%  c) 8%  d) 12%  
   ✅ **Answer: b) 5%** [examveda.com](https://www.examveda.com/arithmetic-ability/practice-mcq-question-on-profit-and-loss/?utm_source=chatgpt.com)
5. Profit triples when SP doubles. Profit percent originally is:  
   a) 20%  b) 75%  c) 100%  d) 50%  
   ✅ **Answer: c) 100%** [Placement Preparation](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)[epolylearning.com](https://epolylearning.com/mcq-question-answers/Aptitude/Profit-and-Loss?utm_source=chatgpt.com)
6. Selling 15 balls at ₹400 gives loss equal to CP of 5 balls. CP of each ball?  
   ✅ **Answer: ₹40** [Placement Preparation](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
7. Buys 18 pens for ₹12 (i.e. ₹0.666 each), sells 12 for ₹18 (₹1.50 each): profit?  
   a) 150%  b) 100%  c) 125%  d) 200%  
   ✅ **Answer: a) 150%** [Placement Preparation](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
8. Shopkeeper sells at 15% profit using 90 cm rod as 1 m. Actual gain is:  
   a) 17%  b) 37.5%  c) 27.7%  d) 21.2%  
   ✅ **Answer: a) 17%** [sehpaathi.in](https://sehpaathi.in/quantitative-aptitude-mcq-profit-loss/?utm_source=chatgpt.com)
9. Trader gains 20% despite scale reading 15% less. Mark-up percent over cost is:  
   a) 33⅓%  b) 16.67%  c) 41%  d) 28%  
   ✅ **Answer: a) 33⅓%** [sehpaathi.in](https://sehpaathi.in/quantitative-aptitude-mcq-profit-loss/?utm_source=chatgpt.com)
10. He mixes sugar at ₹10/kg (20 kg) and ₹14/kg (35 kg), sells at ₹13/kg. Profit percent?  
    a) 4.12%  b) 3.62%  c) 2.82%  d) None  
    ✅ **Answer: a) 4.12%** [sehpaathi.in](https://sehpaathi.in/quantitative-aptitude-mcq-profit-loss/?utm_source=chatgpt.com)

### 21–30: Multi-Step & Trickier Profit/Loss

1. Sold at ₹600 gives 20% gain. CP?  
   a) 550  b) 500  c) 480  d) 480?  
   ✅ **Answer: d) ₹500** [Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
2. Marked 40% above cost, gives 25% discount. Profit%?  
   ✅ **Answer: 5%** [Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
3. Two goods each sold for ₹280: one 12% profit, other 12% loss. Net?  
   a) 2.88%  profit  b) 1.44% profit  c) 2.88% loss  d) 1.44% loss  
   ✅ **Answer: c) 2.88% loss** [Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
4. Bought bike for ₹22,500, took 10% loss. CP is:  
   ✅ **Answer: ₹25,000** [Evidyarthi+1crackquiz.com+1](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
5. Sold T‑shirt at ₹960 for 20% profit. CP?  
   ✅ **Answer: ₹800** [Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
6. Marked price 40% above cost, allows 10% discount. Gain percent?  
   ✅ **Answer: 26%** [Evidyarthi](https://www.evidyarthi.in/b/quantitative-aptitude/mcq-profit-and-loss-for-competitive-exam-quantitative-aptitude?utm_source=chatgpt.com)
7. Loss 8% selling bag at ₹184, CP is?  
   ✅ **Answer: ₹200** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)
8. Trader lost 15% selling at ₹2,040. How much profit if sold at ₹3,000?  
   ✅ **Answer: 33⅓%** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)
9. Buys article at ₹1,500, sells to Y at 20% profit; Y sells to Z at 10% loss. Z pays?  
   ✅ **Answer: ₹1,620** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)
10. Selling 36 m cloth loses SP of 18 m. Loss%?  
    ✅ **Answer: 50%** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)

### 31–40: Word‑Problems & Trick Cases

1. Sells oil: 65 L sold, gain equals CP of 13 L. Gain %?  
   ✅ **Answer: 20%** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)
2. SP of 16 pencils = CP of 22 pencils. Profit %?  
   ✅ **Answer: 44%** [mcqtest.in](https://mcqtest.in/mcq-questions-answers/aptitude/profit-and-loss/1?utm_source=chatgpt.com)
3. Buys at ₹27.50, sells at ₹28.60. Gain percent:  
   ✅ **Answer: 3%** [mastguru.com](https://www.mastguru.com/online-quiz-test/profit-and-loss-questions-answers/24/1?utm_source=chatgpt.com)
4. Buys at ₹5,000, sells at ₹4,000. Loss %:  
   ✅ **Answer: 20%** [mastguru.com](https://www.mastguru.com/online-quiz-test/profit-and-loss-questions-answers/24/1?utm_source=chatgpt.com)
5. Book sold at ₹27.50 with 10% profit; at ₹25.75 gives?  
   ✅ **Answer: 2% loss** [mastguru.com](https://www.mastguru.com/online-quiz-test/profit-and-loss-questions-answers/24/1?utm_source=chatgpt.com)
6. Bought scooter ₹4,700 + ₹800 repair, sold at ₹5,800. Profit %:  
   ✅ **Answer: ~5⅕%** (≈ 5.26%) [mastguru.com](https://www.mastguru.com/online-quiz-test/profit-and-loss-questions-answers/24/1?utm_source=chatgpt.com)
7. Fruit vendor: selling 6 oranges = CP of 5. Loss %?  
   ✅ **Answer: ≈16.67%** [Reddit](https://www.reddit.com/r/HomeworkHelp/comments/snfqe8?utm_source=chatgpt.com)
8. Scenario: SP doubled, profit triples → original profit = 100%  
   ✅ **Answer: 100%** (as in Q15) [epolylearning.com](https://epolylearning.com/mcq-question-answers/Aptitude/Profit-and-Loss?utm_source=chatgpt.com)
9. Two tables sold at same SP: 18% gain and 20% loss. Net?  
   a) 4.31% profit  b) 4.65% loss  c) 4.55% loss  d) 4.65% profit  
   ✅ **Answer: b) 4.65% loss** [Reddit](https://www.reddit.com/r/CAT_Aspirants/comments/1fvswne?utm_source=chatgpt.com)
10. If SP doubled, profit triples; find profit%  
    ✅ **Answer: 100%** (duplicate pattern for reinforcement) [epolylearning.com](https://epolylearning.com/mcq-question-answers/Aptitude/Profit-and-Loss?utm_source=chatgpt.com)

### 📘 References & Style Sources

* Examples drawn from **PlacementPreparation.io** profit‑loss question set [Meritnotes- Free Mcq, Online Quiz+3Placement Preparation+3Reddit+3](https://www.placementpreparation.io/quantitative-aptitude/profit-and-loss/questions-and-answers/?utm_source=chatgpt.com)
* Additional scenarios from **MultipleChoiceQuestions.org** and **ExamVeda** [multiplechoicequestions.org+1examveda.com+1](https://www.multiplechoicequestions.org/aptitude/profit-and-loss-aptitude/?utm_source=chatgpt.com)
* Mixed/dissection questions (e.g. dishonest weights, mixtures, variable discount) from **Sehpaathi.in** [sehpaathi.in](https://sehpaathi.in/quantitative-aptitude-mcq-profit-loss/?utm_source=chatgpt.com)
* Tricky combos (gain/loss crossover problems) from exam series such as MeritNotes & MCQTest.in [Meritnotes- Free Mcq, Online Quiz+1mcqtest.in+1](https://meritnotes.com/aptitude/profit-loss-questions/1-78084/?utm_source=chatgpt.com)
* Unusual/clever cases from **MCQsolve.com** & Reddit reasoning posts [mcqsolve.com](https://mcqsolve.com/quantitative-aptitude/profit-loss/?utm_source=chatgpt.com)

Would you like:

* **Answer explanations per question**
* A **printable PDF or Word document**
* **Translation to Arabic**

Just let me know—I’m happy to help!





Sources

##### You said:

remove resources from them because i'm copying

###### ChatGPT said:

Understood. Here are **40 profit, loss, and related IQ-type questions** (without source references), designed in **MCQ format** and ranging in difficulty:

### ****Profit & Loss Questions****

**1.** A shopkeeper buys an article for $250 and sells it for $300. What is his profit percentage?  
a) 10%  
b) 15%  
c) 20%  
d) 25%  
**Answer: c) 20%**

**2.** If an item is sold at a loss of 10%, and the selling price is $180, what was the cost price?  
a) $190  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**3.** A trader makes a profit of 15% by selling a product for $230. What was the cost price?  
a) $195  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**4.** If a man sells two items at $100 each, one at 20% profit and the other at 20% loss, what is the net result?  
a) No profit, no loss  
b) 4% profit  
c) 4% loss  
d) 2% loss  
**Answer: c) 4% loss**

**5.** A shirt is sold at a 25% discount. If the marked price is $400, what is the selling price?  
a) $300  
b) $320  
c) $350  
d) $380  
**Answer: b) $300**

**6.** If the cost price is $80 and the profit is 25%, what is the selling price?  
a) $90  
b) $95  
c) $100  
d) $105  
**Answer: c) $100**

**7.** A person sells a watch for $150 and gains 25%. What is the cost price?  
a) $100  
b) $110  
c) $115  
d) $120  
**Answer: d) $120**

**8.** An article is sold for $144 at a loss of 10%. What was the cost price?  
a) $150  
b) $160  
c) $170  
d) $180  
**Answer: a) $160**

**9.** A man gains 20% on selling a book for $240. Find the cost price.  
a) $190  
b) $200  
c) $210  
d) $220  
**Answer: b) $200**

**10.** A trader marks his goods 40% above cost and allows a discount of 10%. What is his gain percent?  
a) 26%  
b) 30%  
c) 28%  
d) 32%  
**Answer: a) 26%**

(30 more questions coming below)

Let me know if you'd like me to continue with the next 30.

##### You said:

next

###### ChatGPT said:

Great! Here are the **next 30 profit/loss MCQ questions (questions 11–40)**, all with answers given immediately after the options:

### ****11.****

A bicycle is bought for $600 and sold at a loss of 25%. At what price was it sold?  
a) $400  
b) $420  
c) $450  
d) $480  
**Answer: a) $450**

### ****12.****

An article is sold for $360 with a 20% profit. What was its cost price?  
a) $280  
b) $290  
c) $300  
d) $310  
**Answer: c) $300**

### ****13.****

A trader earns a profit of 12.5% by selling at $225. What is the cost price?  
a) $200  
b) $205  
c) $210  
d) $215  
**Answer: a) $200**

### ****14.****

If a discount of 20% is given on the marked price and the sale price is $400, find the marked price.  
a) $480  
b) $500  
c) $520  
d) $540  
**Answer: b) $500**

### ****15.****

A product is marked at $240 and sold at $204. What is the discount percentage?  
a) 10%  
b) 12.5%  
c) 15%  
d) 20%  
**Answer: a) 15%**

### ****16.****

A man buys an item and sells it twice—first at a profit of 10%, then sells again at a loss of 10%. Overall profit/loss:  
a) Profit ≈ 0%  
b) Loss ≈ 1%  
c) Profit ≈ 1%  
d) Loss ≈ 0%  
**Answer: b) Loss ≈ 1%**

### ****17.****

If a good is sold at a gain of 40% and the selling price is $560, what was the cost price?  
a) $350  
b) $370  
c) $380  
d) $400  
**Answer: a) $400**

### ****18.****

A merchant sells an item at two consecutive discounts of 10% each on the marked price. Net discount =  
a) 19%  
b) 20%  
c) 18%  
d) 21%  
**Answer: a) 19%**

### ****19.****

A shopkeeper offers 10% discount and still makes 20% profit. By what percent did he mark up the price?  
a) 30%  
b) 32%  
c) 33⅓%  
d) 35%  
**Answer: c) 33⅓%**

### ****20.****

A man bought an article for $240 and sold it at $288. What percent profit did he make?  
a) 16.67%  
b) 18%  
c) 20%  
d) 22%  
**Answer: c) 20%**

### ****21.****

A trader mixes two types of rice priced at $30/kg and $40/kg in equal quantity and sells at $35/kg. Profit percent =  
a) 0%  
b) 5%  
c) 10%  
d) 12.5%  
**Answer: a) 0%**

### ****22.****

If someone sells an article for $90 and suffers a loss of 10%, what was the cost price?  
a) $95  
b) $99  
c) $100  
d) $110  
**Answer: c) $100**

### ****23.****

Selling price of an item is $84 after a 20% discount. What was the marked price?  
a) $100  
b) $105  
c) $110  
d) $115  
**Answer: a) $105**

### ****24.****

A retailer buys at $600 (CP), marks up by 30%, then sells with a 10% discount. What is his profit percent?  
a) 17%  
b) 18%  
c) 19%  
d) 20%  
**Answer: a) 17%**

### ****25.****

A man sold two items each priced at $500: one at 20% profit, the other at 20% loss. Net outcome:  
a) 0%  
b) 2% loss  
c) 4% loss  
d) 8% loss  
**Answer: c) 4% loss**

### ****26.****

If cost price is $90 and he earns 10% profit, then resells again with another 10% profit, final profit percent =  
a) 19%  
b) 20%  
c) 21%  
d) 22%  
**Answer: c) 21%**

### ****27.****

A man bought 30 pens at $2 each. Sold 6 pens at a loss of 10% and the rest at a profit of 20%. Overall profit =  
a) 8%  
b) 9%  
c) 10%  
d) 11%  
**Answer: b) 9%**

### ****28.****

An article is sold at $336 with 12% profit. If sold for $294, his loss percent =  
a) 10%  
b) 12%  
c) 14%  
d) 15%  
**Answer: b) 12%**

### ****29.****

A trader marks goods at 25% above cost price and offers 10% discount. His gain percent is  
a) 12.5%  
b) 13.125%  
c) 14%  
d) 15%  
**Answer: b) 13.125%**

### ****30.****

A man buys an article for $900 and sells it twice—first at 10% profit, then at 10% loss. Overall profit/loss:  
a) 0%  
b) 1% gain  
c) 1% loss  
d) 2% loss  
**Answer: c) 1% loss**

### ****31.****

Cost price of 5 items equals selling price of 4 items. Profit percent =  
a) 20%  
b) 25%  
c) 33.33%  
d) 40%  
**Answer: b) 25%**

### ****32.****

An item bought at $500 is sold at a loss of 15%. Later, the buyer sells it at a profit of 25%. Net profit or loss =  
a) 5% gain  
b) 10% gain  
c) 3.75% loss  
d) 1.25% gain  
**Answer: d) 1.25% gain**

### ****33.****

If cost price is $150, a discount of 20% is given to break even with no profit, then marked price =  
a) $150  
b) $180  
c) $187.50  
d) $200  
**Answer: d) $200**

### ****34.****

Buying at $200, selling at $300, the profit percent in terms of cost price =  
a) 33.33%  
b) 40%  
c) 50%  
d) 60%  
**Answer: c) 50%**

### ****35.****

A merchant sells two items: one at 30% profit, other at 40% loss, both at same cost price. Net?  
a) Loss ≈ 5%  
b) Loss ≈ 3%  
c) No profit/no loss  
d) Gain ≈ 5%  
**Answer: b) Loss ≈ 3%**

### ****36.****

An item’s price is increased by 15% and then decreased by 15%. Net effect =  
a) +2.25%  
b) 0%  
c) –2.25%  
d) –15%  
**Answer: c) –2.25%**

### ****37.****

If CP is $220 and the SP is set at a 25% profit, discount 20% is offered. Effective profit% =  
a) 5%  
b) 6%  
c) 7%  
d) 8%  
**Answer: b) 6%**

### ****38.****

A dishonest dealer claims to sell 900 g as 1 kg. If marked gain is 25%, actual gain% ≈  
a) 33.33%  
b) 36.11%  
c) 38%  
d) 40%  
**Answer: b) 36.11%**

### ****39.****

A shopkeeper sells an item at 20% above cost price but uses a 900 g weight instead of 1 kg. Effective gain ≈  
a) 33%  
b) 25%  
c) 22%  
d) 30%  
**Answer: a) 33%**

### ****40.****

If profit doubles when the selling price doubles, original profit% =  
a) 50%  
b) 75%  
c) 100%  
d) 150%  
**Answer: c) 100%**