Percentages

1%= ÷ by 100

10%= ÷ by 10

50% = half

20%= double 10%

5%= half of 10%

Remember increase add it on, decrease take it off.

Do not use a calculator

1. Find 50% of 120
2. Find 25% of 440
3. Find 10% of 560
4. Find 5% of 1000
5. A 712ml glass of water is 75% full. What volume of water is this?
6. Find 60% of 150
7. Find 35% of 720
8. Find 2% of 375
9. Give the value of 450 after a 50% increase
10. Give the value of 860 after a 25% increase
11. Give the value of 150 after a 10% decrease
12. Give the value of 620 after a 5% decrease
13. Give the value of 600 after a 75% increase
14. Give the value of 720 after a 60% increase
15. Give the value of 5260 after a 35% decrease
16. The value of a car worth £55000 decreases 7% every year, how much will it be worth next year?
17. Find 11% of 250
18. 95% of 720
19. Find 20% of 370
20. Find 42% of 620

Calculator

Number÷numberx100=answer

Example: what is 40 as a percentage of 500

40÷500=0.08x100=8 so the answer is 8%

1. What is 30 as a percentage for 200?
2. What is 96 as a percentage of 128?
3. What is 23 as a percentage of 184?
4. What is 310 as a percentage of 217?

number÷numberx%=answer

example: find the value of 356 after 25% increase so 356÷100=3.56x25=89

1. Find the value of 655 after 15% increase
2. Find the value of 450 after a 32% increase
3. Find the value of 371 after a 13% decrease
4. Find the value of 854 after a 64.5% decrease
5. Find the value of 958 after a 35% decrease
6. Find the value of 435 after a 43% decrease