Percentages

Name: _____ **Date:** _____

Remember: Percent means **"out of 100"**. That is why 25% is the same as 25/100 = 1/4: **to find 25% of something, divide it into 4.**

1. Calculate 50% of R80.

Answer: _____

2. Calculate 25% of R120.

Answer: _____

3. Calculate 10% of R350.

Answer: _____

4. Calculate 75% of 200.

Answer: _____

5. Calculate 20% of R650.

Answer: _____

6. Write 3/4 as a percentage.

Answer: _____

7. Write 0,4 as a percentage.

Answer: _____

8. Write 35% as a decimal fraction.

Answer: _____

9. A shirt costs R240. In the sale there is 25% discount. How much is the discount, and what is the new price?

Answer: _____

10. Look at the price tags. On which item do you save the most rand?



Answer: _____

11. What is the sale price of the bag?

Answer: _____

12. Zanele gets 36 out of 50 for a test. What is her mark as a percentage?

Answer: _____

13. A school has 600 learners. 45% are boys. How many girls are there?

Answer: _____

14. A bicycle costs R1 800. In the sale there is 20% discount. What is the sale price?

Answer: _____

15. Shop A sells a game for R600 with 15% discount. Shop B sells the same game for R560 with 10% discount. Which shop is cheaper, and by how much?

Answer: _____

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I got _____ **out of 15** ⭐⭐⭐

Memorandum · Percentages

1. **R40**
   50/100 × 80 = 40

2. **R30**
   25/100 × 120 = 30

3. **R35**
   10/100 × 350 = 35

4. **150**
   75/100 × 200 = 150

5. **R130**
   10% of R650 = R65; 20% = 2 × R65 = R130

6. **75%**
   3/4 = 75/100 = 75%

7. **40%**
   0,4 = 40/100 = 40%

8. **0,35**
   35/100 = 0,35

9. **discount R60; new price R180**
   25/100 × 240 = 60; 240 − 60 = 180

10. **cap (R75)**
    shoes R48; bag R60; cap R75

11. **R240**
    300 − 60 = 240

12. **72%**
    36/50 = 72/100 = 72%

13. **330 girls**
    45/100 × 600 = 270 boys; 600 − 270 = 330

14. **R1 440**
    10% of 1 800 = 180; 20% = 2 × 180 = 360; 1 800 − 360 = 1 440

15. **shop B, by R6**
    A: 600 − 90 = 510; B: 560 − 56 = 504; 510 − 504 = 6

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