Percent practice problems.

**Questions written with the tricky wording taken out:**

1. What percent is 210 more than 95?

2. What percent is 140 less than 170?

3. What percent is 160 of 190?

4. What percent is 190 of 160?

5. 130 is 20% more than what?

6. 86 is what 35% less than what?

7. 60 is 35% of what?

8. 15% less than 50 is what?

9. 120% more than 40 is what?

10. 85% of 70 is what?

11. 140% of 60 is what?

**Questions where you need to do the interpretation:**

12. The value of a house increased from $139,000 to $162,000 over 10 years. By what percent did the value increase?

13. The value of a car decreased from $21,000 to $14,000 over 4 years. By what percent did the value decrease?

14. The number of farmed acres of land in a county decreased from 9100 to 8500. What percent of the original farm land is still being farmed?

15. The wholesale price of an item is marked up by 20%. If the wholesale price was $12.00, what is the retail price?

16. The wholesale price of an item is marked up by 20%. If the retail price is $26, what was the was the wholesale price?

17. The wholesale price of an item is $31, and the retail price is $48. By what percent was the wholesale price marked up?

18. An item is on sale 35% off. If the regular price is $46, what is the sale price?

19. An item is on sale 35% off. If the regular price is $46, what is the discount?

20. An item is on sale 35% off. If the sale price is $23, what is the regular price?

21. An item costs $9.50 including 6% sales tax. What is the before tax price?

22. A tree increased in height by 125% over 10 years. If its height was 8 feet, how tall is it now?

23. A bean plant increased in height by 240% over 2 weeks. If its height is now 5 feet, how tall was it 2 weeks ago?