Percent problems

Read each one carefully: is it asking for the part, the percent or the whole?

Name _____ Date _____

1. 35% of 199 =
2. 390 is what percent of 260?
3. 60% of 165 =
4. 2% of 800 =
5. 150% of 80 =
6. 297 is 55% of what number?
7. 56 is what percent of 112?
8. 120 is 50% of what number?
9. 100 is 20% of what number?
10. 476 is what percent of 560?
11. 45% of 75 =
12. 187 is 85% of what number?
13. 5 is 10% of what number?
14. 550 is what percent of 440?
15. 6 is 25% of what number?
16. 2% of 600 =
17. 15 is what percent of 60?
18. 80% of 280 =
19. 156 is what percent of 240?
20. 120% of 180 =

Percent problems: answer key

Each answer in colour, with the working before it.

1. 35% = 0.35; 0.35 × 199 = 69.65
2. 390 ÷ 260 = 1.5; 1.5 × 100 = 150%
3. 60% = 0.6; 0.6 × 165 = 99
4. 2% = 0.02; 0.02 × 800 = 16
5. 150% = 1.5; 1.5 × 80 = 120
6. 55% = 0.55; 297 ÷ 0.55 = 540
7. 56 ÷ 112 = 0.5; 0.5 × 100 = 50%
8. 50% = 0.5; 120 ÷ 0.5 = 240
9. 20% = 0.2; 100 ÷ 0.2 = 500
10. 476 ÷ 560 = 0.85; 0.85 × 100 = 85%
11. 45% = 0.45; 0.45 × 75 = 33.75
12. 85% = 0.85; 187 ÷ 0.85 = 220
13. 10% = 0.1; 5 ÷ 0.1 = 50
14. 550 ÷ 440 = 1.25; 1.25 × 100 = 125%
15. 25% = 0.25; 6 ÷ 0.25 = 24
16. 2% = 0.02; 0.02 × 600 = 12
17. 15 ÷ 60 = 0.25; 0.25 × 100 = 25%
18. 80% = 0.8; 0.8 × 280 = 224
19. 156 ÷ 240 = 0.65; 0.65 × 100 = 65%
20. 120% = 1.2; 1.2 × 180 = 216