Finding the whole from a percent

Write the percent as a decimal, then divide the part by it.

Name _____ Date _____

1. 308 is 40% of what number?
2. 30 is 8% of what number?
3. 189 is 45% of what number?
4. 444 is 120% of what number?
5. 61 is 25% of what number?
6. 175 is 50% of what number?
7. 234 is 65% of what number?
8. 147 is 175% of what number?
9. 8.5 is 85% of what number?
10. 12 is 80% of what number?
11. 210 is 70% of what number?
12. 11.1 is 15% of what number?
13. 16 is 50% of what number?
14. 649 is 110% of what number?
15. 6 is 20% of what number?
16. 4 is 8% of what number?
17. 36 is 15% of what number?
18. 238 is 85% of what number?
19. 150 is 300% of what number?
20. 20 is 50% of what number?

Finding the whole from a percent: answer key

Each answer in colour, with the working before it.

1. 40% = 0.4; 308 ÷ 0.4 = 770
2. 8% = 0.08; 30 ÷ 0.08 = 375
3. 45% = 0.45; 189 ÷ 0.45 = 420
4. 120% = 1.2; 444 ÷ 1.2 = 370
5. 25% = 0.25; 61 ÷ 0.25 = 244
6. 50% = 0.5; 175 ÷ 0.5 = 350
7. 65% = 0.65; 234 ÷ 0.65 = 360
8. 175% = 1.75; 147 ÷ 1.75 = 84
9. 85% = 0.85; 8.5 ÷ 0.85 = 10
10. 80% = 0.8; 12 ÷ 0.8 = 15
11. 70% = 0.7; 210 ÷ 0.7 = 300
12. 15% = 0.15; 11.1 ÷ 0.15 = 74
13. 50% = 0.5; 16 ÷ 0.5 = 32
14. 110% = 1.1; 649 ÷ 1.1 = 590
15. 20% = 0.2; 6 ÷ 0.2 = 30
16. 8% = 0.08; 4 ÷ 0.08 = 50
17. 15% = 0.15; 36 ÷ 0.15 = 240
18. 85% = 0.85; 238 ÷ 0.85 = 280
19. 300% = 3; 150 ÷ 3 = 50
20. 50% = 0.5; 20 ÷ 0.5 = 40