Name: _____

Multiplying and Dividing by Powers of 10

Multiply or divide. Move the decimal point one place for each zero.

1. 579.5 × 1,000 = _____
2. 55.13 ÷ 1,000 = _____
3. 55.95 × 100 = _____
4. 7,525 ÷ 100 = _____
5. 606.3 × 100 = _____
6. 0.03 × 10 = _____
7. 645.7 ÷ 10 = _____
8. 4.73 ÷ 100 = _____
9. 189.1 × 10 = _____
10. 9,565 × 100 = _____
11. 557.2 ÷ 10 = _____
12. 9,786 ÷ 100 = _____
13. 12.56 ÷ 100 = _____
14. 6,321 ÷ 100 = _____
15. 8,357 ÷ 10 = _____
16. 64.54 × 100 = _____
17. 11.87 × 10 = _____
18. 415.9 ÷ 100 = _____
19. 5.792 × 1,000 = _____
20. 3.469 × 100 = _____

Name: **ANSWER KEY**

Multiplying and Dividing by Powers of 10

Multiply or divide. Move the decimal point one place for each zero.

1. 579.5 × 1,000 = 579,500
2. 55.13 ÷ 1,000 = 0.05513
3. 55.95 × 100 = 5,595
4. 7,525 ÷ 100 = 75.25
5. 606.3 × 100 = 60,630
6. 0.03 × 10 = 0.3
7. 645.7 ÷ 10 = 64.57
8. 4.73 ÷ 100 = 0.0473
9. 189.1 × 10 = 1,891
10. 9,565 × 100 = 956,500
11. 557.2 ÷ 10 = 55.72
12. 9,786 ÷ 100 = 97.86
13. 12.56 ÷ 100 = 0.1256
14. 6,321 ÷ 100 = 63.21
15. 8,357 ÷ 10 = 835.7
16. 64.54 × 100 = 6,454
17. 11.87 × 10 = 118.7
18. 415.9 ÷ 100 = 4.159
19. 5.792 × 1,000 = 5,792
20. 3.469 × 100 = 346.9