

5.NBT.2 — Multiplying by Powers of Ten

Place Value • Grade 5 • Drill • Set C • CCSS 5.NBT.2

Name: _____

Date: _____

Solve each problem by applying patterns in zeros and decimal placement when multiplying by powers of 10.

1. $3 \times 10^3 =$

2. $8 \times 10^2 =$

3. $6 \times 10^2 =$

4. $4 \times 10^2 =$

5. $18 \times 10^3 =$

6. $44 \times 10^4 =$

7. $0.1 \times 10^4 =$

8. $0.3 \times 10^4 =$

9. $0.4 \times 10^4 =$

10. $1.7 \times 10^1 =$

11. $6.97 \times 10^3 =$

12. $0.32 \times 10^4 =$

13. $6.4 \times 10^4 =$

14. $0.196 \times 10^3 =$

15. $43 \times 10^4 =$

16. $4.57 \times 10^3 =$

17. $0.98 \times 10^4 =$

18. $100 \times 10^2 =$

19. $5.2 \times 10^4 =$

20. $0.951 \times 10^3 =$

21. $31.4 \times 10^3 =$

22. $0.293 \times 10^3 =$

Answer Key

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|-----------|------------|-----------|
| 1. 3000 | 9. 4000 | 17. 9800 |
| 2. 800 | 10. 17 | 18. 10000 |
| 3. 600 | 11. 6970 | 19. 52000 |
| 4. 400 | 12. 3200 | 20. 951 |
| 5. 18000 | 13. 64000 | 21. 31400 |
| 6. 440000 | 14. 196 | 22. 293 |
| 7. 1000 | 15. 430000 | |
| 8. 3000 | 16. 4570 | |