

5.NBT.2 — Multiplying by Powers of Ten

Multiplication • Grade 5 • CCSS 5.NBT.2

Name: _____

Date: _____

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

1. $3 \times 10^1 =$

2. $7 \times 10^2 =$

3. $5 \times 10^3 =$

4. $4 \times 10^4 =$

5. $12 \times 10^2 =$

6. $25 \times 10^3 =$

7. $0.6 \times 10^1 =$

8. $0.6 \times 10^2 =$

9. $0.6 \times 10^3 =$

10. $3.4 \times 10^2 =$

11. $7.52 \times 10^2 =$

12. $0.04 \times 10^3 =$

13. $1.8 \times 10^4 =$

14. $0.009 \times 10^3 =$

15. $45 \times 10^4 =$

16. $2.75 \times 10^3 =$

17. $0.37 \times 10^4 =$

18. $100 \times 10^3 =$

19. $6.1 \times 10^4 =$

20. $0.008 \times 10^4 =$

21. $53.2 \times 10^2 =$

22. $0.001 \times 10^4 =$

Answer Key

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|----------|------------|------------|
| 1. 30 | 9. 600 | 17. 3700 |
| 2. 700 | 10. 340 | 18. 100000 |
| 3. 5000 | 11. 752 | 19. 61000 |
| 4. 40000 | 12. 40 | 20. 80 |
| 5. 1200 | 13. 18000 | 21. 5320 |
| 6. 25000 | 14. 9 | 22. 10 |
| 7. 6 | 15. 450000 | |
| 8. 60 | 16. 2750 | |