Examining Powers of Ten

Name:

Solve each problem.

1) 0.896 _____ = 8.96

2) 270,000 _____ = 2,700

3) 891.4 _____ = 0.8914

4) 5 _____ = 50,000

5) 4.633 _____ = 4,633

6) 1,820,000 _____ = 1,820

7) 852.7 _____ = 0.8527

8) 5 _____ = 500

9) 0.8128 _____ = 812.8

10) 5,850,000 _____ = 585

11) 770 _____ = 7.7

12) 2 _____ = 2,000

13) 77.07 _____ = 770.7

14) 4,470,000 _____ = 4,470

15) 358.1 _____ = 3.581

16) 716 _____ = 7,160

17) 22.81 _____ = 22,810

18) 43,400 _____ = 4,340

19) 53.11 _____ = 0.05311

20) 886 _____ = 88,600

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1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Solve each problem.

Answers

1) $0.896 \underline{\times 10^1} = 8.96$

2) $270{,}000 \underline{\div 10^2} = 2{,}700$

3) $891.4 \underline{\div 10^3} = 0.8914$

4) $5 \underline{\times 10^4} = 50{,}000$

5) $4.633 \underline{\times 10^3} = 4{,}633$

6) $1{,}820{,}000 \underline{\div 10^3} = 1{,}820$

7) $852.7 \underline{\div 10^3} = 0.8527$

8) $5 \underline{\times 10^2} = 500$

9) $0.8128 \underline{\times 10^3} = 812.8$

10) $5{,}850{,}000 \underline{\div 10^4} = 585$

11) $770 \underline{\div 10^2} = 7.7$

12) $2 \underline{\times 10^3} = 2{,}000$

13) $77.07 \underline{\times 10^1} = 770.7$

14) $4{,}470{,}000 \underline{\div 10^3} = 4{,}470$

15) $358.1 \underline{\div 10^2} = 3.581$

16) $716 \underline{\times 10^1} = 7{,}160$

17) $22.81 \underline{\times 10^3} = 22{,}810$

18) $43{,}400 \underline{\div 10^1} = 4{,}340$

19) $53.11 \underline{\div 10^3} = 0.05311$

20) $886 \underline{\times 10^2} = 88{,}600$

Answers

1. $\times 10^1$

2. $\div 10^2$

3. $\div 10^3$

4. $\times 10^4$

5. $\times 10^3$

6. $\div 10^3$

7. $\div 10^3$

8. $\times 10^2$

9. $\times 10^3$

10. $\div 10^4$

11. $\div 10^2$

12. $\times 10^3$

13. $\times 10^1$

14. $\div 10^3$

15. $\div 10^2$

16. $\times 10^1$

17. $\times 10^3$

18. $\div 10^1$

19. $\div 10^3$

20. $\times 10^2$