Name: _____

Powers of 10 with Exponents

Write each number in standard form.

1. $0.32 \times 10^2 =$ _____
2. $0.93 \times 10^1 =$ _____
3. $5 \times 10^2 =$ _____
4. $788 \div 10^3 =$ _____
5. $4.2 \times 10^1 =$ _____
6. $94 \div 10^3 =$ _____
7. $203 \div 10^3 =$ _____
8. $10^6 =$ _____
9. $10^5 =$ _____
10. $10^3 =$ _____
11. $937 \div 10^1 =$ _____
12. $546 \div 10^2 =$ _____
13. $0.23 \times 10^4 =$ _____
14. $509 \div 10^3 =$ _____
15. $3 \times 10^3 =$ _____
16. $407 \div 10^2 =$ _____
17. $8 \times 10^5 =$ _____
18. $10^2 =$ _____
19. $10^4 =$ _____
20. $381 \div 10^3 =$ _____

Name: **ANSWER KEY**

Powers of 10 with Exponents

Write each number in standard form.

1. $0.32 \times 10^2 =$ 32
2. $0.93 \times 10^1 =$ 9.3
3. $5 \times 10^2 =$ 500
4. $788 \div 10^3 =$ 0.788
5. $4.2 \times 10^1 =$ 42
6. $94 \div 10^3 =$ 0.094
7. $203 \div 10^3 =$ 0.203
8. $10^6 =$ 1,000,000
9. $10^5 =$ 100,000
10. $10^3 =$ 1,000
11. $937 \div 10^1 =$ 93.7
12. $546 \div 10^2 =$ 5.46
13. $0.23 \times 10^4 =$ 2,300
14. $509 \div 10^3 =$ 0.509
15. $3 \times 10^3 =$ 3,000
16. $407 \div 10^2 =$ 4.07
17. $8 \times 10^5 =$ 800,000
18. $10^2 =$ 100
19. $10^4 =$ 10,000
20. $381 \div 10^3 =$ 0.381