Expressing Numbers using Powers of 10 Name:

Rewrite each number as an expression with the power of 10.

1) 6,000

2) 2,000,000,000,000

3) 2,000,000

4) 5,000,000

5) 6,000,000,000,000

6) 300,000,000

7) 3,000,000

8) 10,000

9) 700,000,000,000

10) 3,000

11) 0.00006

12) 0.1

13) 0.002

14) 0.00004

15) 0.00000000004

16) 0.0006

17) 0.004

18) 0.000000006

19) 0.03

20) 0.0007

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

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

Expressing Numbers using Powers of 10 Name: **Answer Key**

Rewrite each number as an expression with the power of 10.

1) 6,000
2) 2,000,000,000,000
3) 2,000,000
4) 5,000,000
5) 6,000,000,000,000
6) 300,000,000
7) 3,000,000
8) 10,000
9) 700,000,000,000
10) 3,000
11) 0.00006
12) 0.1
13) 0.002
14) 0.00004
15) 0.00000000004
16) 0.0006
17) 0.004
18) 0.000000006
19) 0.03
20) 0.0007

Answers

1. 6×10^{3}
2. 2×10^{12}
3. 2×10^{6}
4. 5×10^{6}
5. 6×10^{12}
6. 3×10^{8}
7. 3×10^{6}
8. 1×10^{4}
9. 7×10^{11}
10. 3×10^{3}
11. 6×10^{-5}
12. 1×10^{-1}
13. 2×10^{-3}
14. 4×10^{-5}
15. 4×10^{-11}
16. 6×10^{-4}
17. 4×10^{-3}
18. 6×10^{-9}
19. 3×10^{-2}
20. 7×10^{-4}

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