Using Powers of Ten and Halves

Name:

Break each problem down using powers of ten and/or halves to solve.

1) 40× 120 = _____
4 × 12 = _____
4 × 6 = _____

2) 50× 20 = _____
5 × 10 = _____
5 × 5 = _____

3) 900 × 80 = _____
90 × 8 = _____
9 × 8 = _____

4) 70× 800 = _____
7 × 80 = _____
7 × 8 = _____

5) 60 × 50 = _____
50 × 6 = _____
6 × 5 = _____

6) 800 × 80 = _____
80 × 8 = _____
8 × 8 = _____

7) 70 × 90 = _____
90 × 7 = _____
7 × 9 = _____

8) 90× 50 = _____
5 × 90 = _____
9 × 5 = _____

9) 40× 500 = _____
4 × 50 = _____
4 × 5 = _____

10) 32 × 50 = _____
16 × 5 = _____
8 × 5 = _____

11) 180 × 60 = _____
18 × 6 = _____
9 × 6 = _____

12) 40× 28 = _____
4 × 14 = _____
4 × 7 = _____

13) 50 × 60 = _____
60 × 5 = _____
5 × 6 = _____

14) 60× 120 = _____
6 × 12 = _____
6 × 6 = _____

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						

Using Powers of Ten and Halves Name: **Answer Key**

Break each problem down using powers of ten and/or halves to solve.

1) 40× 120 = 4,800
4 × 12 = 48
4 × 6 = 24

2) 50× 20 = 1,000
5 × 10 = 50
5 × 5 = 25

3) 900 × 80 = 72,000
90 × 8 = 720
9 × 8 = 72

4) 70× 800 = 56,000
7 × 80 = 560
7 × 8 = 56

5) 60 × 50 = 3,000
50 × 6 = 300
6 × 5 = 30

6) 800 × 80 = 64,000
80 × 8 = 640
8 × 8 = 64

7) 70 × 90 = 6,300
90 × 7 = 630
7 × 9 = 63

8) 90× 50 = 4,500
5 × 90 = 450
9 × 5 = 45

9) 40× 500 = 20,000
4 × 50 = 200
4 × 5 = 20

10) 32 × 50 = 1,600
16 × 5 = 80
8 × 5 = 40

11) 180 × 60 = 10,800
18 × 6 = 108
9 × 6 = 54

12) 40× 28 = 1,120
4 × 14 = 56
4 × 7 = 28

13) 50 × 60 = 3,000
60 × 5 = 300
5 × 6 = 30

14) 60× 120 = 7,200
6 × 12 = 72
6 × 6 = 36

Answers

1. **4,800**
2. **1,000**
3. **72,000**
4. **56,000**
5. **3,000**
6. **64,000**
7. **6,300**
8. **4,500**
9. **20,000**
10. **1,600**
11. **10,800**
12. **1,120**
13. **3,000**
14. **7,200**

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						