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

1) 50× 600 = _____
5 × 60 = _____
5 × 6 = _____

2) 80× 160 = _____
8 × 16 = _____
8 × 8 = _____

3) 80× 600 = _____
8 × 60 = _____
8 × 6 = _____

4) 20 × 50 = _____
10 × 5 = _____
5 × 5 = _____

5) 60× 32 = _____
6 × 16 = _____
6 × 8 = _____

6) 900 × 70 = _____
90 × 7 = _____
9 × 7 = _____

7) 70× 140 = _____
7 × 14 = _____
7 × 7 = _____

8) 600 × 70 = _____
60 × 7 = _____
6 × 7 = _____

9) 100 × 30 = _____
10 × 3 = _____
5 × 3 = _____

10) 100 × 70 = _____
10 × 7 = _____
5 × 7 = _____

11) 90× 24 = _____
9 × 12 = _____
9 × 6 = _____

12) 50 × 60 = _____
60 × 5 = _____
5 × 6 = _____

13) 40× 60 = _____
6 × 40 = _____
4 × 6 = _____

14) 70× 80 = _____
8 × 70 = _____
7 × 8 = _____

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						

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

1) 50× 600 = 30,000
5 × 60 = 300
5 × 6 = 30

2) 80× 160 = 12,800
8 × 16 = 128
8 × 8 = 64

3) 80× 600 = 48,000
8 × 60 = 480
8 × 6 = 48

4) 20 × 50 = 1,000
10 × 5 = 50
5 × 5 = 25

5) 60× 32 = 1,920
6 × 16 = 96
6 × 8 = 48

6) 900 × 70 = 63,000
90 × 7 = 630
9 × 7 = 63

7) 70× 140 = 9,800
7 × 14 = 98
7 × 7 = 49

8) 600 × 70 = 42,000
60 × 7 = 420
6 × 7 = 42

9) 100 × 30 = 3,000
10 × 3 = 30
5 × 3 = 15

10) 100 × 70 = 7,000
10 × 7 = 70
5 × 7 = 35

11) 90× 24 = 2,160
9 × 12 = 108
9 × 6 = 54

12) 50 × 60 = 3,000
60 × 5 = 300
5 × 6 = 30

13) 40× 60 = 2,400
6 × 40 = 240
4 × 6 = 24

14) 70× 80 = 5,600
8 × 70 = 560
7 × 8 = 56

Answers

1. **30,000**
2. **12,800**
3. **48,000**
4. **1,000**
5. **1,920**
6. **63,000**
7. **9,800**
8. **42,000**
9. **3,000**
10. **7,000**
11. **2,160**
12. **3,000**
13. **2,400**
14. **5,600**

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