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

1) $24 \times 50 =$ _____
$12 \times 5 =$ _____
$6 \times 5 =$ _____

2) $30 \times 20 =$ _____
$3 \times 10 =$ _____
$3 \times 5 =$ _____

3) $600 \times 70 =$ _____
$60 \times 7 =$ _____
$6 \times 7 =$ _____

4) $50 \times 140 =$ _____
$5 \times 14 =$ _____
$5 \times 7 =$ _____

5) $140 \times 70 =$ _____
$14 \times 7 =$ _____
$7 \times 7 =$ _____

6) $90 \times 80 =$ _____
$80 \times 9 =$ _____
$9 \times 8 =$ _____

7) $30 \times 700 =$ _____
$3 \times 70 =$ _____
$3 \times 7 =$ _____

8) $50 \times 90 =$ _____
$9 \times 50 =$ _____
$5 \times 9 =$ _____

9) $50 \times 60 =$ _____
$60 \times 5 =$ _____
$5 \times 6 =$ _____

10) $40 \times 180 =$ _____
$4 \times 18 =$ _____
$4 \times 9 =$ _____

11) $80 \times 90 =$ _____
$90 \times 8 =$ _____
$8 \times 9 =$ _____

12) $80 \times 80 =$ _____
$80 \times 8 =$ _____
$8 \times 8 =$ _____

13) $900 \times 30 =$ _____
$90 \times 3 =$ _____
$9 \times 3 =$ _____

14) $20 \times 70 =$ _____
$10 \times 7 =$ _____
$5 \times 7 =$ _____

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) 24 × 50 = 1,200
12 × 5 = 60
6 × 5 = 30

2) 30× 20 = 600
3 × 10 = 30
3 × 5 = 15

3) 600 × 70 = 42,000
60 × 7 = 420
6 × 7 = 42

4) 50× 140 = 7,000
5 × 14 = 70
5 × 7 = 35

5) 140 × 70 = 9,800
14 × 7 = 98
7 × 7 = 49

6) 90 × 80 = 7,200
80 × 9 = 720
9 × 8 = 72

7) 30× 700 = 21,000
3 × 70 = 210
3 × 7 = 21

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

9) 50 × 60 = 3,000
60 × 5 = 300
5 × 6 = 30

10) 40× 180 = 7,200
4 × 18 = 72
4 × 9 = 36

11) 80 × 90 = 7,200
90 × 8 = 720
8 × 9 = 72

12) 80 × 80 = 6,400
80 × 8 = 640
8 × 8 = 64

13) 900 × 30 = 27,000
90 × 3 = 270
9 × 3 = 27

14) 20 × 70 = 1,400
10 × 7 = 70
5 × 7 = 35

Answers

1. **1,200**
2. **600**
3. **42,000**
4. **7,000**
5. **9,800**
6. **7,200**
7. **21,000**
8. **4,500**
9. **3,000**
10. **7,200**
11. **7,200**
12. **6,400**
13. **27,000**
14. **1,400**

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