



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

Answers

1)  $50 \times 800 =$  \_\_\_\_\_  
 $5 \times 80 =$  \_\_\_\_\_  
 $5 \times 8 =$  \_\_\_\_\_

2)  $30 \times 80 =$  \_\_\_\_\_  
 $8 \times 30 =$  \_\_\_\_\_  
 $3 \times 8 =$  \_\_\_\_\_

3)  $70 \times 140 =$  \_\_\_\_\_  
 $7 \times 14 =$  \_\_\_\_\_  
 $7 \times 7 =$  \_\_\_\_\_

4)  $80 \times 100 =$  \_\_\_\_\_  
 $8 \times 10 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

5)  $160 \times 40 =$  \_\_\_\_\_  
 $16 \times 4 =$  \_\_\_\_\_  
 $8 \times 4 =$  \_\_\_\_\_

6)  $60 \times 28 =$  \_\_\_\_\_  
 $6 \times 14 =$  \_\_\_\_\_  
 $6 \times 7 =$  \_\_\_\_\_

7)  $36 \times 90 =$  \_\_\_\_\_  
 $18 \times 9 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

8)  $80 \times 900 =$  \_\_\_\_\_  
 $8 \times 90 =$  \_\_\_\_\_  
 $8 \times 9 =$  \_\_\_\_\_

9)  $90 \times 24 =$  \_\_\_\_\_  
 $9 \times 12 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

10)  $600 \times 40 =$  \_\_\_\_\_  
 $60 \times 4 =$  \_\_\_\_\_  
 $6 \times 4 =$  \_\_\_\_\_

11)  $50 \times 90 =$  \_\_\_\_\_  
 $9 \times 50 =$  \_\_\_\_\_  
 $5 \times 9 =$  \_\_\_\_\_

12)  $160 \times 80 =$  \_\_\_\_\_  
 $16 \times 8 =$  \_\_\_\_\_  
 $8 \times 8 =$  \_\_\_\_\_

13)  $70 \times 50 =$  \_\_\_\_\_  
 $50 \times 7 =$  \_\_\_\_\_  
 $7 \times 5 =$  \_\_\_\_\_

14)  $40 \times 36 =$  \_\_\_\_\_  
 $4 \times 18 =$  \_\_\_\_\_  
 $4 \times 9 =$  \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_



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

Answers

$$\begin{array}{r} 1) \quad 50 \times 800 = \underline{40,000} \\ \quad 5 \times 80 = \underline{400} \\ \quad 5 \times 8 = \underline{40} \end{array}$$

$$\begin{array}{r} 2) \quad 30 \times 80 = \underline{2,400} \\ \quad 8 \times 30 = \underline{240} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

$$\begin{array}{r} 3) \quad 70 \times 140 = \underline{9,800} \\ \quad 7 \times 14 = \underline{98} \\ \quad 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{r} 4) \quad 80 \times 100 = \underline{8,000} \\ \quad 8 \times 10 = \underline{80} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{r} 5) \quad 160 \times 40 = \underline{6,400} \\ \quad 16 \times 4 = \underline{64} \\ \quad 8 \times 4 = \underline{32} \end{array}$$

$$\begin{array}{r} 6) \quad 60 \times 28 = \underline{1,680} \\ \quad 6 \times 14 = \underline{84} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{r} 7) \quad 36 \times 90 = \underline{3,240} \\ \quad 18 \times 9 = \underline{162} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

$$\begin{array}{r} 8) \quad 80 \times 900 = \underline{72,000} \\ \quad 8 \times 90 = \underline{720} \\ \quad 8 \times 9 = \underline{72} \end{array}$$

$$\begin{array}{r} 9) \quad 90 \times 24 = \underline{2,160} \\ \quad 9 \times 12 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{r} 10) \quad 600 \times 40 = \underline{24,000} \\ \quad 60 \times 4 = \underline{240} \\ \quad 6 \times 4 = \underline{24} \end{array}$$

$$\begin{array}{r} 11) \quad 50 \times 90 = \underline{4,500} \\ \quad 9 \times 50 = \underline{450} \\ \quad 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{r} 12) \quad 160 \times 80 = \underline{12,800} \\ \quad 16 \times 8 = \underline{128} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{r} 13) \quad 70 \times 50 = \underline{3,500} \\ \quad 50 \times 7 = \underline{350} \\ \quad 7 \times 5 = \underline{35} \end{array}$$

$$\begin{array}{r} 14) \quad 40 \times 36 = \underline{1,440} \\ \quad 4 \times 18 = \underline{72} \\ \quad 4 \times 9 = \underline{36} \end{array}$$

1. 40,000
2. 2,400
3. 9,800
4. 8,000
5. 6,400
6. 1,680
7. 3,240
8. 72,000
9. 2,160
10. 24,000
11. 4,500
12. 12,800
13. 3,500
14. 1,440