



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

Answers

1)  $160 \times 80 =$  \_\_\_\_\_  
 $16 \times 8 =$  \_\_\_\_\_  
 $8 \times 8 =$  \_\_\_\_\_

2)  $40 \times 120 =$  \_\_\_\_\_  
 $4 \times 12 =$  \_\_\_\_\_  
 $4 \times 6 =$  \_\_\_\_\_

3)  $500 \times 30 =$  \_\_\_\_\_  
 $50 \times 3 =$  \_\_\_\_\_  
 $5 \times 3 =$  \_\_\_\_\_

4)  $60 \times 800 =$  \_\_\_\_\_  
 $6 \times 80 =$  \_\_\_\_\_  
 $6 \times 8 =$  \_\_\_\_\_

5)  $90 \times 60 =$  \_\_\_\_\_  
 $60 \times 9 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

6)  $80 \times 24 =$  \_\_\_\_\_  
 $8 \times 12 =$  \_\_\_\_\_  
 $8 \times 6 =$  \_\_\_\_\_

7)  $100 \times 40 =$  \_\_\_\_\_  
 $10 \times 4 =$  \_\_\_\_\_  
 $5 \times 4 =$  \_\_\_\_\_

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

9)  $20 \times 50 =$  \_\_\_\_\_  
 $10 \times 5 =$  \_\_\_\_\_  
 $5 \times 5 =$  \_\_\_\_\_

10)  $140 \times 40 =$  \_\_\_\_\_  
 $14 \times 4 =$  \_\_\_\_\_  
 $7 \times 4 =$  \_\_\_\_\_

11)  $90 \times 24 =$  \_\_\_\_\_  
 $9 \times 12 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

12)  $30 \times 800 =$  \_\_\_\_\_  
 $3 \times 80 =$  \_\_\_\_\_  
 $3 \times 8 =$  \_\_\_\_\_

13)  $90 \times 50 =$  \_\_\_\_\_  
 $5 \times 90 =$  \_\_\_\_\_  
 $9 \times 5 =$  \_\_\_\_\_

14)  $120 \times 30 =$  \_\_\_\_\_  
 $12 \times 3 =$  \_\_\_\_\_  
 $6 \times 3 =$  \_\_\_\_\_

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**

$$\begin{array}{l} 1) \quad 160 \times 80 = \underline{12,800} \\ \quad 16 \times 8 = \underline{128} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 2) \quad 40 \times 120 = \underline{4,800} \\ \quad 4 \times 12 = \underline{48} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{l} 3) \quad 500 \times 30 = \underline{15,000} \\ \quad 50 \times 3 = \underline{150} \\ \quad 5 \times 3 = \underline{15} \end{array}$$

$$\begin{array}{l} 4) \quad 60 \times 800 = \underline{48,000} \\ \quad 6 \times 80 = \underline{480} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{l} 5) \quad 90 \times 60 = \underline{5,400} \\ \quad 60 \times 9 = \underline{540} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 6) \quad 80 \times 24 = \underline{1,920} \\ \quad 8 \times 12 = \underline{96} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{l} 7) \quad 100 \times 40 = \underline{4,000} \\ \quad 10 \times 4 = \underline{40} \\ \quad 5 \times 4 = \underline{20} \end{array}$$

$$\begin{array}{l} 8) \quad 80 \times 50 = \underline{4,000} \\ \quad 5 \times 80 = \underline{400} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{l} 9) \quad 20 \times 50 = \underline{1,000} \\ \quad 10 \times 5 = \underline{50} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{l} 10) \quad 140 \times 40 = \underline{5,600} \\ \quad 14 \times 4 = \underline{56} \\ \quad 7 \times 4 = \underline{28} \end{array}$$

$$\begin{array}{l} 11) \quad 90 \times 24 = \underline{2,160} \\ \quad 9 \times 12 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 12) \quad 30 \times 800 = \underline{24,000} \\ \quad 3 \times 80 = \underline{240} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

$$\begin{array}{l} 13) \quad 90 \times 50 = \underline{4,500} \\ \quad 5 \times 90 = \underline{450} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{l} 14) \quad 120 \times 30 = \underline{3,600} \\ \quad 12 \times 3 = \underline{36} \\ \quad 6 \times 3 = \underline{18} \end{array}$$

1. 12,800
2. 4,800
3. 15,000
4. 48,000
5. 5,400
6. 1,920
7. 4,000
8. 4,000
9. 1,000
10. 5,600
11. 2,160
12. 24,000
13. 4,500
14. 3,600