



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

Answers

1)  $40 \times 120 =$  \_\_\_\_\_  
 $4 \times 12 =$  \_\_\_\_\_  
 $4 \times 6 =$  \_\_\_\_\_

2)  $50 \times 20 =$  \_\_\_\_\_  
 $5 \times 10 =$  \_\_\_\_\_  
 $5 \times 5 =$  \_\_\_\_\_

3)  $900 \times 80 =$  \_\_\_\_\_  
 $90 \times 8 =$  \_\_\_\_\_  
 $9 \times 8 =$  \_\_\_\_\_

4)  $70 \times 800 =$  \_\_\_\_\_  
 $7 \times 80 =$  \_\_\_\_\_  
 $7 \times 8 =$  \_\_\_\_\_

5)  $60 \times 50 =$  \_\_\_\_\_  
 $50 \times 6 =$  \_\_\_\_\_  
 $6 \times 5 =$  \_\_\_\_\_

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

7)  $70 \times 90 =$  \_\_\_\_\_  
 $90 \times 7 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

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

9)  $40 \times 500 =$  \_\_\_\_\_  
 $4 \times 50 =$  \_\_\_\_\_  
 $4 \times 5 =$  \_\_\_\_\_

10)  $32 \times 50 =$  \_\_\_\_\_  
 $16 \times 5 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

11)  $180 \times 60 =$  \_\_\_\_\_  
 $18 \times 6 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

12)  $40 \times 28 =$  \_\_\_\_\_  
 $4 \times 14 =$  \_\_\_\_\_  
 $4 \times 7 =$  \_\_\_\_\_

13)  $50 \times 60 =$  \_\_\_\_\_  
 $60 \times 5 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

14)  $60 \times 120 =$  \_\_\_\_\_  
 $6 \times 12 =$  \_\_\_\_\_  
 $6 \times 6 =$  \_\_\_\_\_

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.

$$\begin{array}{l} 1) \quad 40 \times 120 = \underline{4,800} \\ \quad 4 \times 12 = \underline{48} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{l} 2) \quad 50 \times 20 = \underline{1,000} \\ \quad 5 \times 10 = \underline{50} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{l} 3) \quad 900 \times 80 = \underline{72,000} \\ \quad 90 \times 8 = \underline{720} \\ \quad 9 \times 8 = \underline{72} \end{array}$$

$$\begin{array}{l} 4) \quad 70 \times 800 = \underline{56,000} \\ \quad 7 \times 80 = \underline{560} \\ \quad 7 \times 8 = \underline{56} \end{array}$$

$$\begin{array}{l} 5) \quad 60 \times 50 = \underline{3,000} \\ \quad 50 \times 6 = \underline{300} \\ \quad 6 \times 5 = \underline{30} \end{array}$$

$$\begin{array}{l} 6) \quad 800 \times 80 = \underline{64,000} \\ \quad 80 \times 8 = \underline{640} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 7) \quad 70 \times 90 = \underline{6,300} \\ \quad 90 \times 7 = \underline{630} \\ \quad 7 \times 9 = \underline{63} \end{array}$$

$$\begin{array}{l} 8) \quad 90 \times 50 = \underline{4,500} \\ \quad 5 \times 90 = \underline{450} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{l} 9) \quad 40 \times 500 = \underline{20,000} \\ \quad 4 \times 50 = \underline{200} \\ \quad 4 \times 5 = \underline{20} \end{array}$$

$$\begin{array}{l} 10) \quad 32 \times 50 = \underline{1,600} \\ \quad 16 \times 5 = \underline{80} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{l} 11) \quad 180 \times 60 = \underline{10,800} \\ \quad 18 \times 6 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 12) \quad 40 \times 28 = \underline{1,120} \\ \quad 4 \times 14 = \underline{56} \\ \quad 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{l} 13) \quad 50 \times 60 = \underline{3,000} \\ \quad 60 \times 5 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 14) \quad 60 \times 120 = \underline{7,200} \\ \quad 6 \times 12 = \underline{72} \\ \quad 6 \times 6 = \underline{36} \end{array}$$

**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