



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

Answers

1)  $100 \times 80 =$  \_\_\_\_\_  
 $10 \times 8 =$  \_\_\_\_\_  
 $5 \times 8 =$  \_\_\_\_\_

2)  $90 \times 180 =$  \_\_\_\_\_  
 $9 \times 18 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

3)  $36 \times 40 =$  \_\_\_\_\_  
 $18 \times 4 =$  \_\_\_\_\_  
 $9 \times 4 =$  \_\_\_\_\_

4)  $40 \times 700 =$  \_\_\_\_\_  
 $4 \times 70 =$  \_\_\_\_\_  
 $4 \times 7 =$  \_\_\_\_\_

5)  $80 \times 700 =$  \_\_\_\_\_  
 $8 \times 70 =$  \_\_\_\_\_  
 $8 \times 7 =$  \_\_\_\_\_

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

7)  $180 \times 50 =$  \_\_\_\_\_  
 $18 \times 5 =$  \_\_\_\_\_  
 $9 \times 5 =$  \_\_\_\_\_

8)  $40 \times 60 =$  \_\_\_\_\_  
 $6 \times 40 =$  \_\_\_\_\_  
 $4 \times 6 =$  \_\_\_\_\_

9)  $100 \times 60 =$  \_\_\_\_\_  
 $10 \times 6 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

10)  $90 \times 120 =$  \_\_\_\_\_  
 $9 \times 12 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

11)  $90 \times 20 =$  \_\_\_\_\_  
 $9 \times 10 =$  \_\_\_\_\_  
 $9 \times 5 =$  \_\_\_\_\_

12)  $28 \times 90 =$  \_\_\_\_\_  
 $14 \times 9 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

13)  $70 \times 80 =$  \_\_\_\_\_  
 $8 \times 70 =$  \_\_\_\_\_  
 $7 \times 8 =$  \_\_\_\_\_

14)  $900 \times 80 =$  \_\_\_\_\_  
 $90 \times 8 =$  \_\_\_\_\_  
 $9 \times 8 =$  \_\_\_\_\_

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

$$\begin{array}{r} 1) \quad 100 \times 80 = \underline{8,000} \\ \quad 10 \times 8 = \underline{80} \\ \quad 5 \times 8 = \underline{40} \end{array}$$

$$\begin{array}{r} 2) \quad 90 \times 180 = \underline{16,200} \\ \quad 9 \times 18 = \underline{162} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

$$\begin{array}{r} 3) \quad 36 \times 40 = \underline{1,440} \\ \quad 18 \times 4 = \underline{72} \\ \quad 9 \times 4 = \underline{36} \end{array}$$

$$\begin{array}{r} 4) \quad 40 \times 700 = \underline{28,000} \\ \quad 4 \times 70 = \underline{280} \\ \quad 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{r} 5) \quad 80 \times 700 = \underline{56,000} \\ \quad 8 \times 70 = \underline{560} \\ \quad 8 \times 7 = \underline{56} \end{array}$$

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

$$\begin{array}{r} 7) \quad 180 \times 50 = \underline{9,000} \\ \quad 18 \times 5 = \underline{90} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{r} 8) \quad 40 \times 60 = \underline{2,400} \\ \quad 6 \times 40 = \underline{240} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{r} 9) \quad 100 \times 60 = \underline{6,000} \\ \quad 10 \times 6 = \underline{60} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{r} 10) \quad 90 \times 120 = \underline{10,800} \\ \quad 9 \times 12 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{r} 11) \quad 90 \times 20 = \underline{1,800} \\ \quad 9 \times 10 = \underline{90} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{r} 12) \quad 28 \times 90 = \underline{2,520} \\ \quad 14 \times 9 = \underline{126} \\ \quad 7 \times 9 = \underline{63} \end{array}$$

$$\begin{array}{r} 13) \quad 70 \times 80 = \underline{5,600} \\ \quad 8 \times 70 = \underline{560} \\ \quad 7 \times 8 = \underline{56} \end{array}$$

$$\begin{array}{r} 14) \quad 900 \times 80 = \underline{72,000} \\ \quad 90 \times 8 = \underline{720} \\ \quad 9 \times 8 = \underline{72} \end{array}$$

1. 8,000

2. 16,200

3. 1,440

4. 28,000

5. 56,000

6. 4,800

7. 9,000

8. 2,400

9. 6,000

10. 10,800

11. 1,800

12. 2,520

13. 5,600

14. 72,000