



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

Answers

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

12)  $40 \times 50 =$  \_\_\_\_\_  
 $5 \times 40 =$  \_\_\_\_\_  
 $4 \times 5 =$  \_\_\_\_\_

13)  $800 \times 90 =$  \_\_\_\_\_  
 $80 \times 9 =$  \_\_\_\_\_  
 $8 \times 9 =$  \_\_\_\_\_

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

1. \_\_\_\_\_
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11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_



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

Answers

$$\begin{array}{l} 1) \quad 24 \times 50 = \underline{1,200} \\ \quad 12 \times 5 = \underline{60} \\ \quad 6 \times 5 = \underline{30} \end{array}$$

$$\begin{array}{l} 2) \quad 30 \times 20 = \underline{600} \\ \quad 3 \times 10 = \underline{30} \\ \quad 3 \times 5 = \underline{15} \end{array}$$

$$\begin{array}{l} 3) \quad 600 \times 70 = \underline{42,000} \\ \quad 60 \times 7 = \underline{420} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{l} 4) \quad 50 \times 140 = \underline{7,000} \\ \quad 5 \times 14 = \underline{70} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

$$\begin{array}{l} 5) \quad 140 \times 70 = \underline{9,800} \\ \quad 14 \times 7 = \underline{98} \\ \quad 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{l} 6) \quad 90 \times 80 = \underline{7,200} \\ \quad 80 \times 9 = \underline{720} \\ \quad 9 \times 8 = \underline{72} \end{array}$$

$$\begin{array}{l} 7) \quad 30 \times 700 = \underline{21,000} \\ \quad 3 \times 70 = \underline{210} \\ \quad 3 \times 7 = \underline{21} \end{array}$$

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

$$\begin{array}{l} 9) \quad 50 \times 60 = \underline{3,000} \\ \quad 60 \times 5 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 10) \quad 40 \times 180 = \underline{7,200} \\ \quad 4 \times 18 = \underline{72} \\ \quad 4 \times 9 = \underline{36} \end{array}$$

$$\begin{array}{l} 11) \quad 80 \times 30 = \underline{2,400} \\ \quad 30 \times 8 = \underline{240} \\ \quad 8 \times 3 = \underline{24} \end{array}$$

$$\begin{array}{l} 12) \quad 40 \times 50 = \underline{2,000} \\ \quad 5 \times 40 = \underline{200} \\ \quad 4 \times 5 = \underline{20} \end{array}$$

$$\begin{array}{l} 13) \quad 800 \times 90 = \underline{72,000} \\ \quad 80 \times 9 = \underline{720} \\ \quad 8 \times 9 = \underline{72} \end{array}$$

$$\begin{array}{l} 14) \quad 20 \times 70 = \underline{1,400} \\ \quad 10 \times 7 = \underline{70} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

1. 1,2002. 6003. 42,0004. 7,0005. 9,8006. 7,2007. 21,0008. 4,5009. 3,00010. 7,20011. 2,40012. 2,00013. 72,00014. 1,400