



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

Answers

1)  $20 \times 90 =$  \_\_\_\_\_  
 $10 \times 9 =$  \_\_\_\_\_  
 $5 \times 9 =$  \_\_\_\_\_

2)  $70 \times 80 =$  \_\_\_\_\_  
 $80 \times 7 =$  \_\_\_\_\_  
 $7 \times 8 =$  \_\_\_\_\_

3)  $50 \times 60 =$  \_\_\_\_\_  
 $6 \times 50 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

4)  $80 \times 20 =$  \_\_\_\_\_  
 $8 \times 10 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

5)  $160 \times 80 =$  \_\_\_\_\_  
 $16 \times 8 =$  \_\_\_\_\_  
 $8 \times 8 =$  \_\_\_\_\_

6)  $90 \times 30 =$  \_\_\_\_\_  
 $30 \times 9 =$  \_\_\_\_\_  
 $9 \times 3 =$  \_\_\_\_\_

7)  $40 \times 32 =$  \_\_\_\_\_  
 $4 \times 16 =$  \_\_\_\_\_  
 $4 \times 8 =$  \_\_\_\_\_

8)  $70 \times 900 =$  \_\_\_\_\_  
 $7 \times 90 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

9)  $70 \times 700 =$  \_\_\_\_\_  
 $7 \times 70 =$  \_\_\_\_\_  
 $7 \times 7 =$  \_\_\_\_\_

10)  $36 \times 60 =$  \_\_\_\_\_  
 $18 \times 6 =$  \_\_\_\_\_  
 $9 \times 6 =$  \_\_\_\_\_

11)  $180 \times 90 =$  \_\_\_\_\_  
 $18 \times 9 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

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

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

14)  $800 \times 70 =$  \_\_\_\_\_  
 $80 \times 7 =$  \_\_\_\_\_  
 $8 \times 7 =$  \_\_\_\_\_

1. \_\_\_\_\_
2. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_



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

Answers

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

$$\begin{array}{l} 2) \quad 70 \times 80 = \underline{5,600} \\ \quad 80 \times 7 = \underline{560} \\ \quad 7 \times 8 = \underline{56} \end{array}$$

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

$$\begin{array}{l} 4) \quad 80 \times 20 = \underline{1,600} \\ \quad 8 \times 10 = \underline{80} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{l} 5) \quad 160 \times 80 = \underline{12,800} \\ \quad 16 \times 8 = \underline{128} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 6) \quad 90 \times 30 = \underline{2,700} \\ \quad 30 \times 9 = \underline{270} \\ \quad 9 \times 3 = \underline{27} \end{array}$$

$$\begin{array}{l} 7) \quad 40 \times 32 = \underline{1,280} \\ \quad 4 \times 16 = \underline{64} \\ \quad 4 \times 8 = \underline{32} \end{array}$$

$$\begin{array}{l} 8) \quad 70 \times 900 = \underline{63,000} \\ \quad 7 \times 90 = \underline{630} \\ \quad 7 \times 9 = \underline{63} \end{array}$$

$$\begin{array}{l} 9) \quad 70 \times 700 = \underline{49,000} \\ \quad 7 \times 70 = \underline{490} \\ \quad 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{l} 10) \quad 36 \times 60 = \underline{2,160} \\ \quad 18 \times 6 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 11) \quad 180 \times 90 = \underline{16,200} \\ \quad 18 \times 9 = \underline{162} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

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

$$\begin{array}{l} 13) \quad 50 \times 50 = \underline{2,500} \\ \quad 50 \times 5 = \underline{250} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{l} 14) \quad 800 \times 70 = \underline{56,000} \\ \quad 80 \times 7 = \underline{560} \\ \quad 8 \times 7 = \underline{56} \end{array}$$

1. 1,8002. 5,6003. 3,0004. 1,6005. 12,8006. 2,7007. 1,2808. 63,0009. 49,00010. 2,16011. 16,20012. 4,80013. 2,50014. 56,000