



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

Answers

1)  $40 \times 32 =$  \_\_\_\_\_  
 $4 \times 16 =$  \_\_\_\_\_  
 $4 \times 8 =$  \_\_\_\_\_

2)  $40 \times 140 =$  \_\_\_\_\_  
 $4 \times 14 =$  \_\_\_\_\_  
 $4 \times 7 =$  \_\_\_\_\_

3)  $36 \times 70 =$  \_\_\_\_\_  
 $18 \times 7 =$  \_\_\_\_\_  
 $9 \times 7 =$  \_\_\_\_\_

4)  $20 \times 50 =$  \_\_\_\_\_  
 $10 \times 5 =$  \_\_\_\_\_  
 $5 \times 5 =$  \_\_\_\_\_

5)  $90 \times 40 =$  \_\_\_\_\_  
 $40 \times 9 =$  \_\_\_\_\_  
 $9 \times 4 =$  \_\_\_\_\_

6)  $100 \times 70 =$  \_\_\_\_\_  
 $10 \times 7 =$  \_\_\_\_\_  
 $5 \times 7 =$  \_\_\_\_\_

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

8)  $60 \times 500 =$  \_\_\_\_\_  
 $6 \times 50 =$  \_\_\_\_\_  
 $6 \times 5 =$  \_\_\_\_\_

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

10)  $30 \times 140 =$  \_\_\_\_\_  
 $3 \times 14 =$  \_\_\_\_\_  
 $3 \times 7 =$  \_\_\_\_\_

11)  $500 \times 90 =$  \_\_\_\_\_  
 $50 \times 9 =$  \_\_\_\_\_  
 $5 \times 9 =$  \_\_\_\_\_

12)  $30 \times 90 =$  \_\_\_\_\_  
 $9 \times 30 =$  \_\_\_\_\_  
 $3 \times 9 =$  \_\_\_\_\_

13)  $900 \times 90 =$  \_\_\_\_\_  
 $90 \times 9 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

14)  $80 \times 100 =$  \_\_\_\_\_  
 $8 \times 10 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

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7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_



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

Answers

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

$$\begin{array}{r} 2) \quad 40 \times 140 = \underline{5,600} \\ 4 \times 14 = \underline{56} \\ 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{r} 3) \quad 36 \times 70 = \underline{2,520} \\ 18 \times 7 = \underline{126} \\ 9 \times 7 = \underline{63} \end{array}$$

$$\begin{array}{r} 4) \quad 20 \times 50 = \underline{1,000} \\ 10 \times 5 = \underline{50} \\ 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{r} 5) \quad 90 \times 40 = \underline{3,600} \\ 40 \times 9 = \underline{360} \\ 9 \times 4 = \underline{36} \end{array}$$

$$\begin{array}{r} 6) \quad 100 \times 70 = \underline{7,000} \\ 10 \times 7 = \underline{70} \\ 5 \times 7 = \underline{35} \end{array}$$

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

$$\begin{array}{r} 8) \quad 60 \times 500 = \underline{30,000} \\ 6 \times 50 = \underline{300} \\ 6 \times 5 = \underline{30} \end{array}$$

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

$$\begin{array}{r} 10) \quad 30 \times 140 = \underline{4,200} \\ 3 \times 14 = \underline{42} \\ 3 \times 7 = \underline{21} \end{array}$$

$$\begin{array}{r} 11) \quad 500 \times 90 = \underline{45,000} \\ 50 \times 9 = \underline{450} \\ 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{r} 12) \quad 30 \times 90 = \underline{2,700} \\ 9 \times 30 = \underline{270} \\ 3 \times 9 = \underline{27} \end{array}$$

$$\begin{array}{r} 13) \quad 900 \times 90 = \underline{81,000} \\ 90 \times 9 = \underline{810} \\ 9 \times 9 = \underline{81} \end{array}$$

$$\begin{array}{r} 14) \quad 80 \times 100 = \underline{8,000} \\ 8 \times 10 = \underline{80} \\ 8 \times 5 = \underline{40} \end{array}$$

1. 1,2802. 5,6003. 2,5204. 1,0005. 3,6006. 7,0007. 56,0008. 30,0009. 2,16010. 4,20011. 45,00012. 2,70013. 81,00014. 8,000