



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

Answers

1)  $24 \times 70 =$  \_\_\_\_\_  
 $12 \times 7 =$  \_\_\_\_\_  
 $6 \times 7 =$  \_\_\_\_\_

2)  $24 \times 90 =$  \_\_\_\_\_  
 $12 \times 9 =$  \_\_\_\_\_  
 $6 \times 9 =$  \_\_\_\_\_

3)  $24 \times 30 =$  \_\_\_\_\_  
 $12 \times 3 =$  \_\_\_\_\_  
 $6 \times 3 =$  \_\_\_\_\_

4)  $28 \times 90 =$  \_\_\_\_\_  
 $14 \times 9 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

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

6)  $32 \times 70 =$  \_\_\_\_\_  
 $16 \times 7 =$  \_\_\_\_\_  
 $8 \times 7 =$  \_\_\_\_\_

7)  $20 \times 30 =$  \_\_\_\_\_  
 $10 \times 3 =$  \_\_\_\_\_  
 $5 \times 3 =$  \_\_\_\_\_

8)  $80 \times 28 =$  \_\_\_\_\_  
 $8 \times 14 =$  \_\_\_\_\_  
 $8 \times 7 =$  \_\_\_\_\_

9)  $60 \times 32 =$  \_\_\_\_\_  
 $6 \times 16 =$  \_\_\_\_\_  
 $6 \times 8 =$  \_\_\_\_\_

10)  $30 \times 28 =$  \_\_\_\_\_  
 $3 \times 14 =$  \_\_\_\_\_  
 $3 \times 7 =$  \_\_\_\_\_

11)  $24 \times 40 =$  \_\_\_\_\_  
 $12 \times 4 =$  \_\_\_\_\_  
 $6 \times 4 =$  \_\_\_\_\_

12)  $30 \times 36 =$  \_\_\_\_\_  
 $3 \times 18 =$  \_\_\_\_\_  
 $3 \times 9 =$  \_\_\_\_\_

13)  $80 \times 24 =$  \_\_\_\_\_  
 $8 \times 12 =$  \_\_\_\_\_  
 $8 \times 6 =$  \_\_\_\_\_

14)  $90 \times 36 =$  \_\_\_\_\_  
 $9 \times 18 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

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.

$$\begin{array}{r} 1) \quad 24 \times 70 = \underline{1,680} \\ 12 \times 7 = \underline{84} \\ 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{r} 2) \quad 24 \times 90 = \underline{2,160} \\ 12 \times 9 = \underline{108} \\ 6 \times 9 = \underline{54} \end{array}$$

$$\begin{array}{r} 3) \quad 24 \times 30 = \underline{720} \\ 12 \times 3 = \underline{36} \\ 6 \times 3 = \underline{18} \end{array}$$

$$\begin{array}{r} 4) \quad 28 \times 90 = \underline{2,520} \\ 14 \times 9 = \underline{126} \\ 7 \times 9 = \underline{63} \end{array}$$

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

$$\begin{array}{r} 6) \quad 32 \times 70 = \underline{2,240} \\ 16 \times 7 = \underline{112} \\ 8 \times 7 = \underline{56} \end{array}$$

$$\begin{array}{r} 7) \quad 20 \times 30 = \underline{600} \\ 10 \times 3 = \underline{30} \\ 5 \times 3 = \underline{15} \end{array}$$

$$\begin{array}{r} 8) \quad 80 \times 28 = \underline{2,240} \\ 8 \times 14 = \underline{112} \\ 8 \times 7 = \underline{56} \end{array}$$

$$\begin{array}{r} 9) \quad 60 \times 32 = \underline{1,920} \\ 6 \times 16 = \underline{96} \\ 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{r} 10) \quad 30 \times 28 = \underline{840} \\ 3 \times 14 = \underline{42} \\ 3 \times 7 = \underline{21} \end{array}$$

$$\begin{array}{r} 11) \quad 24 \times 40 = \underline{960} \\ 12 \times 4 = \underline{48} \\ 6 \times 4 = \underline{24} \end{array}$$

$$\begin{array}{r} 12) \quad 30 \times 36 = \underline{1,080} \\ 3 \times 18 = \underline{54} \\ 3 \times 9 = \underline{27} \end{array}$$

$$\begin{array}{r} 13) \quad 80 \times 24 = \underline{1,920} \\ 8 \times 12 = \underline{96} \\ 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{r} 14) \quad 90 \times 36 = \underline{3,240} \\ 9 \times 18 = \underline{162} \\ 9 \times 9 = \underline{81} \end{array}$$

**Answers**

1. 1,680

2. 2,160

3. 720

4. 2,520

5. 1,600

6. 2,240

7. 600

8. 2,240

9. 1,920

10. 840

11. 960

12. 1,080

13. 1,920

14. 3,240