



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

12)  $80 \times 80 =$  \_\_\_\_\_  
 $80 \times 8 =$  \_\_\_\_\_  
 $8 \times 8 =$  \_\_\_\_\_

13)  $900 \times 30 =$  \_\_\_\_\_  
 $90 \times 3 =$  \_\_\_\_\_  
 $9 \times 3 =$  \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

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

$$11) \quad \begin{array}{r} 80 \times 90 = \underline{7,200} \\ 90 \times 8 = \underline{720} \\ 8 \times 9 = \underline{72} \end{array}$$

$$12) \quad \begin{array}{r} 80 \times 80 = \underline{6,400} \\ 80 \times 8 = \underline{640} \\ 8 \times 8 = \underline{64} \end{array}$$

$$13) \quad \begin{array}{r} 900 \times 30 = \underline{27,000} \\ 90 \times 3 = \underline{270} \\ 9 \times 3 = \underline{27} \end{array}$$

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

1. 1,200

2. 600

3. 42,000

4. 7,000

5. 9,800

6. 7,200

7. 21,000

8. 4,500

9. 3,000

10. 7,200

11. 7,200

12. 6,400

13. 27,000

14. 1,400