



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

Answers

1)  $20 \times 40 =$  \_\_\_\_\_  
 $10 \times 4 =$  \_\_\_\_\_  
 $5 \times 4 =$  \_\_\_\_\_

2)  $40 \times 32 =$  \_\_\_\_\_  
 $4 \times 16 =$  \_\_\_\_\_  
 $4 \times 8 =$  \_\_\_\_\_

3)  $60 \times 120 =$  \_\_\_\_\_  
 $6 \times 12 =$  \_\_\_\_\_  
 $6 \times 6 =$  \_\_\_\_\_

4)  $40 \times 180 =$  \_\_\_\_\_  
 $4 \times 18 =$  \_\_\_\_\_  
 $4 \times 9 =$  \_\_\_\_\_

5)  $700 \times 70 =$  \_\_\_\_\_  
 $70 \times 7 =$  \_\_\_\_\_  
 $7 \times 7 =$  \_\_\_\_\_

6)  $50 \times 80 =$  \_\_\_\_\_  
 $8 \times 50 =$  \_\_\_\_\_  
 $5 \times 8 =$  \_\_\_\_\_

7)  $50 \times 36 =$  \_\_\_\_\_  
 $5 \times 18 =$  \_\_\_\_\_  
 $5 \times 9 =$  \_\_\_\_\_

8)  $600 \times 90 =$  \_\_\_\_\_  
 $60 \times 9 =$  \_\_\_\_\_  
 $6 \times 9 =$  \_\_\_\_\_

9)  $50 \times 60 =$  \_\_\_\_\_  
 $6 \times 50 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

10)  $30 \times 24 =$  \_\_\_\_\_  
 $3 \times 12 =$  \_\_\_\_\_  
 $3 \times 6 =$  \_\_\_\_\_

11)  $500 \times 30 =$  \_\_\_\_\_  
 $50 \times 3 =$  \_\_\_\_\_  
 $5 \times 3 =$  \_\_\_\_\_

12)  $900 \times 30 =$  \_\_\_\_\_  
 $90 \times 3 =$  \_\_\_\_\_  
 $9 \times 3 =$  \_\_\_\_\_

13)  $70 \times 90 =$  \_\_\_\_\_  
 $90 \times 7 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

14)  $80 \times 50 =$  \_\_\_\_\_  
 $5 \times 80 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

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

$$1) \quad \begin{array}{r} 20 \times 40 = \underline{800} \\ 10 \times 4 = \underline{40} \\ 5 \times 4 = \underline{20} \end{array}$$

$$2) \quad \begin{array}{r} 40 \times 32 = \underline{1,280} \\ 4 \times 16 = \underline{64} \\ 4 \times 8 = \underline{32} \end{array}$$

$$3) \quad \begin{array}{r} 60 \times 120 = \underline{7,200} \\ 6 \times 12 = \underline{72} \\ 6 \times 6 = \underline{36} \end{array}$$

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

$$5) \quad \begin{array}{r} 700 \times 70 = \underline{49,000} \\ 70 \times 7 = \underline{490} \\ 7 \times 7 = \underline{49} \end{array}$$

$$6) \quad \begin{array}{r} 50 \times 80 = \underline{4,000} \\ 8 \times 50 = \underline{400} \\ 5 \times 8 = \underline{40} \end{array}$$

$$7) \quad \begin{array}{r} 50 \times 36 = \underline{1,800} \\ 5 \times 18 = \underline{90} \\ 5 \times 9 = \underline{45} \end{array}$$

$$8) \quad \begin{array}{r} 600 \times 90 = \underline{54,000} \\ 60 \times 9 = \underline{540} \\ 6 \times 9 = \underline{54} \end{array}$$

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

$$10) \quad \begin{array}{r} 30 \times 24 = \underline{720} \\ 3 \times 12 = \underline{36} \\ 3 \times 6 = \underline{18} \end{array}$$

$$11) \quad \begin{array}{r} 500 \times 30 = \underline{15,000} \\ 50 \times 3 = \underline{150} \\ 5 \times 3 = \underline{15} \end{array}$$

$$12) \quad \begin{array}{r} 900 \times 30 = \underline{27,000} \\ 90 \times 3 = \underline{270} \\ 9 \times 3 = \underline{27} \end{array}$$

$$13) \quad \begin{array}{r} 70 \times 90 = \underline{6,300} \\ 90 \times 7 = \underline{630} \\ 7 \times 9 = \underline{63} \end{array}$$

$$14) \quad \begin{array}{r} 80 \times 50 = \underline{4,000} \\ 5 \times 80 = \underline{400} \\ 8 \times 5 = \underline{40} \end{array}$$

1. 800

2. 1,280

3. 7,200

4. 7,200

5. 49,000

6. 4,000

7. 1,800

8. 54,000

9. 3,000

10. 720

11. 15,000

12. 27,000

13. 6,300

14. 4,000