



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

Answers

1)  $50 \times 20 =$  \_\_\_\_\_  
 $5 \times 10 =$  \_\_\_\_\_  
 $5 \times 5 =$  \_\_\_\_\_

2)  $90 \times 140 =$  \_\_\_\_\_  
 $9 \times 14 =$  \_\_\_\_\_  
 $9 \times 7 =$  \_\_\_\_\_

3)  $40 \times 36 =$  \_\_\_\_\_  
 $4 \times 18 =$  \_\_\_\_\_  
 $4 \times 9 =$  \_\_\_\_\_

4)  $40 \times 80 =$  \_\_\_\_\_  
 $8 \times 40 =$  \_\_\_\_\_  
 $4 \times 8 =$  \_\_\_\_\_

5)  $140 \times 40 =$  \_\_\_\_\_  
 $14 \times 4 =$  \_\_\_\_\_  
 $7 \times 4 =$  \_\_\_\_\_

6)  $50 \times 600 =$  \_\_\_\_\_  
 $5 \times 60 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

7)  $180 \times 90 =$  \_\_\_\_\_  
 $18 \times 9 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

8)  $600 \times 70 =$  \_\_\_\_\_  
 $60 \times 7 =$  \_\_\_\_\_  
 $6 \times 7 =$  \_\_\_\_\_

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

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

11)  $80 \times 120 =$  \_\_\_\_\_  
 $8 \times 12 =$  \_\_\_\_\_  
 $8 \times 6 =$  \_\_\_\_\_

12)  $30 \times 32 =$  \_\_\_\_\_  
 $3 \times 16 =$  \_\_\_\_\_  
 $3 \times 8 =$  \_\_\_\_\_

13)  $80 \times 50 =$  \_\_\_\_\_  
 $50 \times 8 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

14)  $60 \times 500 =$  \_\_\_\_\_  
 $6 \times 50 =$  \_\_\_\_\_  
 $6 \times 5 =$  \_\_\_\_\_

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

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

$$\begin{array}{l} 2) \quad 90 \times 140 = \underline{12,600} \\ \quad 9 \times 14 = \underline{126} \\ \quad 9 \times 7 = \underline{63} \end{array}$$

$$\begin{array}{l} 3) \quad 40 \times 36 = \underline{1,440} \\ \quad 4 \times 18 = \underline{72} \\ \quad 4 \times 9 = \underline{36} \end{array}$$

$$\begin{array}{l} 4) \quad 40 \times 80 = \underline{3,200} \\ \quad 8 \times 40 = \underline{320} \\ \quad 4 \times 8 = \underline{32} \end{array}$$

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

$$\begin{array}{l} 6) \quad 50 \times 600 = \underline{30,000} \\ \quad 5 \times 60 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 7) \quad 180 \times 90 = \underline{16,200} \\ \quad 18 \times 9 = \underline{162} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

$$\begin{array}{l} 8) \quad 600 \times 70 = \underline{42,000} \\ \quad 60 \times 7 = \underline{420} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{l} 9) \quad 80 \times 80 = \underline{6,400} \\ \quad 80 \times 8 = \underline{640} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

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

$$\begin{array}{l} 11) \quad 80 \times 120 = \underline{9,600} \\ \quad 8 \times 12 = \underline{96} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{l} 12) \quad 30 \times 32 = \underline{960} \\ \quad 3 \times 16 = \underline{48} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

$$\begin{array}{l} 13) \quad 80 \times 50 = \underline{4,000} \\ \quad 50 \times 8 = \underline{400} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{l} 14) \quad 60 \times 500 = \underline{30,000} \\ \quad 6 \times 50 = \underline{300} \\ \quad 6 \times 5 = \underline{30} \end{array}$$

1. 1,000

2. 12,600

3. 1,440

4. 3,200

5. 5,600

6. 30,000

7. 16,200

8. 42,000

9. 6,400

10. 600

11. 9,600

12. 960

13. 4,000

14. 30,000