



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

Answers

1)  $90 \times 90 =$  \_\_\_\_\_  
 $90 \times 9 =$  \_\_\_\_\_  
 $9 \times 9 =$  \_\_\_\_\_

2)  $900 \times 70 =$  \_\_\_\_\_  
 $90 \times 7 =$  \_\_\_\_\_  
 $9 \times 7 =$  \_\_\_\_\_

3)  $700 \times 90 =$  \_\_\_\_\_  
 $70 \times 9 =$  \_\_\_\_\_  
 $7 \times 9 =$  \_\_\_\_\_

4)  $50 \times 36 =$  \_\_\_\_\_  
 $5 \times 18 =$  \_\_\_\_\_  
 $5 \times 9 =$  \_\_\_\_\_

5)  $40 \times 700 =$  \_\_\_\_\_  
 $4 \times 70 =$  \_\_\_\_\_  
 $4 \times 7 =$  \_\_\_\_\_

6)  $80 \times 140 =$  \_\_\_\_\_  
 $8 \times 14 =$  \_\_\_\_\_  
 $8 \times 7 =$  \_\_\_\_\_

7)  $500 \times 60 =$  \_\_\_\_\_  
 $50 \times 6 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

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

9)  $50 \times 80 =$  \_\_\_\_\_  
 $8 \times 50 =$  \_\_\_\_\_  
 $5 \times 8 =$  \_\_\_\_\_

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

11)  $80 \times 50 =$  \_\_\_\_\_  
 $5 \times 80 =$  \_\_\_\_\_  
 $8 \times 5 =$  \_\_\_\_\_

12)  $120 \times 30 =$  \_\_\_\_\_  
 $12 \times 3 =$  \_\_\_\_\_  
 $6 \times 3 =$  \_\_\_\_\_

13)  $50 \times 24 =$  \_\_\_\_\_  
 $5 \times 12 =$  \_\_\_\_\_  
 $5 \times 6 =$  \_\_\_\_\_

14)  $32 \times 90 =$  \_\_\_\_\_  
 $16 \times 9 =$  \_\_\_\_\_  
 $8 \times 9 =$  \_\_\_\_\_

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.

Answers

$$1) \quad 90 \times 90 = \underline{8,100}$$

$$90 \times 9 = \underline{810}$$

$$9 \times 9 = \underline{81}$$

$$2) \quad 900 \times 70 = \underline{63,000}$$

$$90 \times 7 = \underline{630}$$

$$9 \times 7 = \underline{63}$$

$$3) \quad 700 \times 90 = \underline{63,000}$$

$$70 \times 9 = \underline{630}$$

$$7 \times 9 = \underline{63}$$

$$4) \quad 50 \times 36 = \underline{1,800}$$

$$5 \times 18 = \underline{90}$$

$$5 \times 9 = \underline{45}$$

$$5) \quad 40 \times 700 = \underline{28,000}$$

$$4 \times 70 = \underline{280}$$

$$4 \times 7 = \underline{28}$$

$$6) \quad 80 \times 140 = \underline{11,200}$$

$$8 \times 14 = \underline{112}$$

$$8 \times 7 = \underline{56}$$

$$7) \quad 500 \times 60 = \underline{30,000}$$

$$50 \times 6 = \underline{300}$$

$$5 \times 6 = \underline{30}$$

$$8) \quad 30 \times 32 = \underline{960}$$

$$3 \times 16 = \underline{48}$$

$$3 \times 8 = \underline{24}$$

$$9) \quad 50 \times 80 = \underline{4,000}$$

$$8 \times 50 = \underline{400}$$

$$5 \times 8 = \underline{40}$$

$$10) \quad 80 \times 80 = \underline{6,400}$$

$$80 \times 8 = \underline{640}$$

$$8 \times 8 = \underline{64}$$

$$11) \quad 80 \times 50 = \underline{4,000}$$

$$5 \times 80 = \underline{400}$$

$$8 \times 5 = \underline{40}$$

$$12) \quad 120 \times 30 = \underline{3,600}$$

$$12 \times 3 = \underline{36}$$

$$6 \times 3 = \underline{18}$$

$$13) \quad 50 \times 24 = \underline{1,200}$$

$$5 \times 12 = \underline{60}$$

$$5 \times 6 = \underline{30}$$

$$14) \quad 32 \times 90 = \underline{2,880}$$

$$16 \times 9 = \underline{144}$$

$$8 \times 9 = \underline{72}$$

1. 8,1002. 63,0003. 63,0004. 1,8005. 28,0006. 11,2007. 30,0008. 9609. 4,00010. 6,40011. 4,00012. 3,60013. 1,20014. 2,880