



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) $100 \times 60 =$ _____
 $10 \times 6 =$ _____
 $5 \times 6 =$ _____

7) $700 \times 70 =$ _____
 $70 \times 7 =$ _____
 $7 \times 7 =$ _____

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) $60 \times 32 =$ _____
 $6 \times 16 =$ _____
 $6 \times 8 =$ _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$6) \quad 100 \times 60 = \underline{6,000}$$

$$10 \times 6 = \underline{60}$$

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

$$7) \quad 700 \times 70 = \underline{49,000}$$

$$70 \times 7 = \underline{490}$$

$$7 \times 7 = \underline{49}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$14) \quad 60 \times 32 = \underline{1,920}$$

$$6 \times 16 = \underline{96}$$

$$6 \times 8 = \underline{48}$$

1. 8,1002. 63,0003. 63,0004. 1,8005. 28,0006. 6,0007. 49,0008. 9609. 4,00010. 6,40011. 4,00012. 3,60013. 1,20014. 1,920