



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

Answers

$$1) \quad 100 \times 80 = \underline{\hspace{2cm}}$$

$$10 \times 8 = \underline{\hspace{2cm}}$$

$$5 \times 8 = \underline{\hspace{2cm}}$$

$$2) \quad 90 \times 90 = \underline{\hspace{2cm}}$$

$$90 \times 9 = \underline{\hspace{2cm}}$$

$$9 \times 9 = \underline{\hspace{2cm}}$$

$$3) \quad 100 \times 60 = \underline{\hspace{2cm}}$$

$$10 \times 6 = \underline{\hspace{2cm}}$$

$$5 \times 6 = \underline{\hspace{2cm}}$$

$$4) \quad 160 \times 40 = \underline{\hspace{2cm}}$$

$$16 \times 4 = \underline{\hspace{2cm}}$$

$$8 \times 4 = \underline{\hspace{2cm}}$$

$$5) \quad 80 \times 120 = \underline{\hspace{2cm}}$$

$$8 \times 12 = \underline{\hspace{2cm}}$$

$$8 \times 6 = \underline{\hspace{2cm}}$$

$$6) \quad 800 \times 30 = \underline{\hspace{2cm}}$$

$$80 \times 3 = \underline{\hspace{2cm}}$$

$$8 \times 3 = \underline{\hspace{2cm}}$$

$$7) \quad 160 \times 70 = \underline{\hspace{2cm}}$$

$$16 \times 7 = \underline{\hspace{2cm}}$$

$$8 \times 7 = \underline{\hspace{2cm}}$$

$$8) \quad 40 \times 36 = \underline{\hspace{2cm}}$$

$$4 \times 18 = \underline{\hspace{2cm}}$$

$$4 \times 9 = \underline{\hspace{2cm}}$$

$$9) \quad 700 \times 60 = \underline{\hspace{2cm}}$$

$$70 \times 6 = \underline{\hspace{2cm}}$$

$$7 \times 6 = \underline{\hspace{2cm}}$$

$$10) \quad 24 \times 40 = \underline{\hspace{2cm}}$$

$$12 \times 4 = \underline{\hspace{2cm}}$$

$$6 \times 4 = \underline{\hspace{2cm}}$$

$$11) \quad 500 \times 50 = \underline{\hspace{2cm}}$$

$$50 \times 5 = \underline{\hspace{2cm}}$$

$$5 \times 5 = \underline{\hspace{2cm}}$$

$$12) \quad 50 \times 90 = \underline{\hspace{2cm}}$$

$$9 \times 50 = \underline{\hspace{2cm}}$$

$$5 \times 9 = \underline{\hspace{2cm}}$$

$$13) \quad 800 \times 90 = \underline{\hspace{2cm}}$$

$$80 \times 9 = \underline{\hspace{2cm}}$$

$$8 \times 9 = \underline{\hspace{2cm}}$$

$$14) \quad 70 \times 40 = \underline{\hspace{2cm}}$$

$$40 \times 7 = \underline{\hspace{2cm}}$$

$$7 \times 4 = \underline{\hspace{2cm}}$$

1. _____

2. _____

3. _____

4. _____

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10. _____

11. _____

12. _____

13. _____

14. _____



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

$$\begin{array}{l} 1) \quad 100 \times 80 = \underline{8,000} \\ \quad 10 \times 8 = \underline{80} \\ \quad 5 \times 8 = \underline{40} \end{array}$$

$$\begin{array}{l} 2) \quad 90 \times 90 = \underline{8,100} \\ \quad 90 \times 9 = \underline{810} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

$$\begin{array}{l} 3) \quad 100 \times 60 = \underline{6,000} \\ \quad 10 \times 6 = \underline{60} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 4) \quad 160 \times 40 = \underline{6,400} \\ \quad 16 \times 4 = \underline{64} \\ \quad 8 \times 4 = \underline{32} \end{array}$$

$$\begin{array}{l} 5) \quad 80 \times 120 = \underline{9,600} \\ \quad 8 \times 12 = \underline{96} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{l} 6) \quad 800 \times 30 = \underline{24,000} \\ \quad 80 \times 3 = \underline{240} \\ \quad 8 \times 3 = \underline{24} \end{array}$$

$$\begin{array}{l} 7) \quad 160 \times 70 = \underline{11,200} \\ \quad 16 \times 7 = \underline{112} \\ \quad 8 \times 7 = \underline{56} \end{array}$$

$$\begin{array}{l} 8) \quad 40 \times 36 = \underline{1,440} \\ \quad 4 \times 18 = \underline{72} \\ \quad 4 \times 9 = \underline{36} \end{array}$$

$$\begin{array}{l} 9) \quad 700 \times 60 = \underline{42,000} \\ \quad 70 \times 6 = \underline{420} \\ \quad 7 \times 6 = \underline{42} \end{array}$$

$$\begin{array}{l} 10) \quad 24 \times 40 = \underline{960} \\ \quad 12 \times 4 = \underline{48} \\ \quad 6 \times 4 = \underline{24} \end{array}$$

$$\begin{array}{l} 11) \quad 500 \times 50 = \underline{25,000} \\ \quad 50 \times 5 = \underline{250} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{l} 12) \quad 50 \times 90 = \underline{4,500} \\ \quad 9 \times 50 = \underline{450} \\ \quad 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{l} 13) \quad 800 \times 90 = \underline{72,000} \\ \quad 80 \times 9 = \underline{720} \\ \quad 8 \times 9 = \underline{72} \end{array}$$

$$\begin{array}{l} 14) \quad 70 \times 40 = \underline{2,800} \\ \quad 40 \times 7 = \underline{280} \\ \quad 7 \times 4 = \underline{28} \end{array}$$

Answers

1. 8,000

2. 8,100

3. 6,000

4. 6,400

5. 9,600

6. 24,000

7. 11,200

8. 1,440

9. 42,000

10. 960

11. 25,000

12. 4,500

13. 72,000

14. 2,800