

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

1) $24 \times 80 =$ _____
 $12 \times 8 =$ _____
 $6 \times 8 =$ _____

2) $50 \times 700 =$ _____
 $5 \times 70 =$ _____
 $5 \times 7 =$ _____

3) $40 \times 600 =$ _____
 $4 \times 60 =$ _____
 $4 \times 6 =$ _____

4) $80 \times 60 =$ _____
 $60 \times 8 =$ _____
 $8 \times 6 =$ _____

5) $60 \times 30 =$ _____
 $30 \times 6 =$ _____
 $6 \times 3 =$ _____

6) $140 \times 60 =$ _____
 $14 \times 6 =$ _____
 $7 \times 6 =$ _____

7) $36 \times 40 =$ _____
 $18 \times 4 =$ _____
 $9 \times 4 =$ _____

8) $50 \times 70 =$ _____
 $70 \times 5 =$ _____
 $5 \times 7 =$ _____

9) $120 \times 60 =$ _____
 $12 \times 6 =$ _____
 $6 \times 6 =$ _____

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

11) $70 \times 40 =$ _____
 $40 \times 7 =$ _____
 $7 \times 4 =$ _____

12) $90 \times 20 =$ _____
 $9 \times 10 =$ _____
 $9 \times 5 =$ _____

13) $30 \times 500 =$ _____
 $3 \times 50 =$ _____
 $3 \times 5 =$ _____

14) $180 \times 90 =$ _____
 $18 \times 9 =$ _____
 $9 \times 9 =$ _____

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.

$$\begin{array}{l} 1) \quad 24 \times 80 = \underline{1,920} \\ \quad 12 \times 8 = \underline{96} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{l} 2) \quad 50 \times 700 = \underline{35,000} \\ \quad 5 \times 70 = \underline{350} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

$$\begin{array}{l} 3) \quad 40 \times 600 = \underline{24,000} \\ \quad 4 \times 60 = \underline{240} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{l} 4) \quad 80 \times 60 = \underline{4,800} \\ \quad 60 \times 8 = \underline{480} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{l} 5) \quad 60 \times 30 = \underline{1,800} \\ \quad 30 \times 6 = \underline{180} \\ \quad 6 \times 3 = \underline{18} \end{array}$$

$$\begin{array}{l} 6) \quad 140 \times 60 = \underline{8,400} \\ \quad 14 \times 6 = \underline{84} \\ \quad 7 \times 6 = \underline{42} \end{array}$$

$$\begin{array}{l} 7) \quad 36 \times 40 = \underline{1,440} \\ \quad 18 \times 4 = \underline{72} \\ \quad 9 \times 4 = \underline{36} \end{array}$$

$$\begin{array}{l} 8) \quad 50 \times 70 = \underline{3,500} \\ \quad 70 \times 5 = \underline{350} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

$$\begin{array}{l} 9) \quad 120 \times 60 = \underline{7,200} \\ \quad 12 \times 6 = \underline{72} \\ \quad 6 \times 6 = \underline{36} \end{array}$$

$$\begin{array}{l} 10) \quad 80 \times 80 = \underline{6,400} \\ \quad 80 \times 8 = \underline{640} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 11) \quad 70 \times 40 = \underline{2,800} \\ \quad 40 \times 7 = \underline{280} \\ \quad 7 \times 4 = \underline{28} \end{array}$$

$$\begin{array}{l} 12) \quad 90 \times 20 = \underline{1,800} \\ \quad 9 \times 10 = \underline{90} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{l} 13) \quad 30 \times 500 = \underline{15,000} \\ \quad 3 \times 50 = \underline{150} \\ \quad 3 \times 5 = \underline{15} \end{array}$$

$$\begin{array}{l} 14) \quad 180 \times 90 = \underline{16,200} \\ \quad 18 \times 9 = \underline{162} \\ \quad 9 \times 9 = \underline{81} \end{array}$$

Answers

1. 1,920

2. 35,000

3. 24,000

4. 4,800

5. 1,800

6. 8,400

7. 1,440

8. 3,500

9. 7,200

10. 6,400

11. 2,800

12. 1,800

13. 15,000

14. 16,200