



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

Answers

1) $160 \times 80 =$ _____
 $16 \times 8 =$ _____
 $8 \times 8 =$ _____

2) $40 \times 120 =$ _____
 $4 \times 12 =$ _____
 $4 \times 6 =$ _____

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

4) $60 \times 800 =$ _____
 $6 \times 80 =$ _____
 $6 \times 8 =$ _____

5) $90 \times 60 =$ _____
 $60 \times 9 =$ _____
 $9 \times 6 =$ _____

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

7) $100 \times 40 =$ _____
 $10 \times 4 =$ _____
 $5 \times 4 =$ _____

8) $80 \times 50 =$ _____
 $5 \times 80 =$ _____
 $8 \times 5 =$ _____

9) $20 \times 50 =$ _____
 $10 \times 5 =$ _____
 $5 \times 5 =$ _____

10) $140 \times 40 =$ _____
 $14 \times 4 =$ _____
 $7 \times 4 =$ _____

11) $90 \times 24 =$ _____
 $9 \times 12 =$ _____
 $9 \times 6 =$ _____

12) $30 \times 800 =$ _____
 $3 \times 80 =$ _____
 $3 \times 8 =$ _____

13) $90 \times 50 =$ _____
 $5 \times 90 =$ _____
 $9 \times 5 =$ _____

14) $120 \times 30 =$ _____
 $12 \times 3 =$ _____
 $6 \times 3 =$ _____

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

$$\begin{array}{l} 1) \quad 160 \times 80 = \underline{12,800} \\ \quad 16 \times 8 = \underline{128} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 2) \quad 40 \times 120 = \underline{4,800} \\ \quad 4 \times 12 = \underline{48} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

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

$$\begin{array}{l} 4) \quad 60 \times 800 = \underline{48,000} \\ \quad 6 \times 80 = \underline{480} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{l} 5) \quad 90 \times 60 = \underline{5,400} \\ \quad 60 \times 9 = \underline{540} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

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

$$\begin{array}{l} 7) \quad 100 \times 40 = \underline{4,000} \\ \quad 10 \times 4 = \underline{40} \\ \quad 5 \times 4 = \underline{20} \end{array}$$

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

$$\begin{array}{l} 9) \quad 20 \times 50 = \underline{1,000} \\ \quad 10 \times 5 = \underline{50} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{l} 10) \quad 140 \times 40 = \underline{5,600} \\ \quad 14 \times 4 = \underline{56} \\ \quad 7 \times 4 = \underline{28} \end{array}$$

$$\begin{array}{l} 11) \quad 90 \times 24 = \underline{2,160} \\ \quad 9 \times 12 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 12) \quad 30 \times 800 = \underline{24,000} \\ \quad 3 \times 80 = \underline{240} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

$$\begin{array}{l} 13) \quad 90 \times 50 = \underline{4,500} \\ \quad 5 \times 90 = \underline{450} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{l} 14) \quad 120 \times 30 = \underline{3,600} \\ \quad 12 \times 3 = \underline{36} \\ \quad 6 \times 3 = \underline{18} \end{array}$$

1. 12,800
2. 4,800
3. 15,000
4. 48,000
5. 5,400
6. 1,920
7. 4,000
8. 4,000
9. 1,000
10. 5,600
11. 2,160
12. 24,000
13. 4,500
14. 3,600