

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

1) $40 \times 140 =$ _____
 $4 \times 14 =$ _____
 $4 \times 7 =$ _____

2) $90 \times 60 =$ _____
 $60 \times 9 =$ _____
 $9 \times 6 =$ _____

3) $40 \times 20 =$ _____
 $4 \times 10 =$ _____
 $4 \times 5 =$ _____

4) $30 \times 800 =$ _____
 $3 \times 80 =$ _____
 $3 \times 8 =$ _____

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

6) $60 \times 700 =$ _____
 $6 \times 70 =$ _____
 $6 \times 7 =$ _____

7) $180 \times 30 =$ _____
 $18 \times 3 =$ _____
 $9 \times 3 =$ _____

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

9) $50 \times 600 =$ _____
 $5 \times 60 =$ _____
 $5 \times 6 =$ _____

10) $60 \times 800 =$ _____
 $6 \times 80 =$ _____
 $6 \times 8 =$ _____

11) $24 \times 70 =$ _____
 $12 \times 7 =$ _____
 $6 \times 7 =$ _____

12) $100 \times 30 =$ _____
 $10 \times 3 =$ _____
 $5 \times 3 =$ _____

13) $36 \times 40 =$ _____
 $18 \times 4 =$ _____
 $9 \times 4 =$ _____

14) $80 \times 90 =$ _____
 $90 \times 8 =$ _____
 $8 \times 9 =$ _____

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

$$\begin{array}{l} 1) \quad 40 \times 140 = \underline{5,600} \\ \quad 4 \times 14 = \underline{56} \\ \quad 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{l} 2) \quad 90 \times 60 = \underline{5,400} \\ \quad 60 \times 9 = \underline{540} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{l} 3) \quad 40 \times 20 = \underline{800} \\ \quad 4 \times 10 = \underline{40} \\ \quad 4 \times 5 = \underline{20} \end{array}$$

$$\begin{array}{l} 4) \quad 30 \times 800 = \underline{24,000} \\ \quad 3 \times 80 = \underline{240} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

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

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

$$\begin{array}{l} 7) \quad 180 \times 30 = \underline{5,400} \\ \quad 18 \times 3 = \underline{54} \\ \quad 9 \times 3 = \underline{27} \end{array}$$

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

$$\begin{array}{l} 9) \quad 50 \times 600 = \underline{30,000} \\ \quad 5 \times 60 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 10) \quad 60 \times 800 = \underline{48,000} \\ \quad 6 \times 80 = \underline{480} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{l} 11) \quad 24 \times 70 = \underline{1,680} \\ \quad 12 \times 7 = \underline{84} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{l} 12) \quad 100 \times 30 = \underline{3,000} \\ \quad 10 \times 3 = \underline{30} \\ \quad 5 \times 3 = \underline{15} \end{array}$$

$$\begin{array}{l} 13) \quad 36 \times 40 = \underline{1,440} \\ \quad 18 \times 4 = \underline{72} \\ \quad 9 \times 4 = \underline{36} \end{array}$$

$$\begin{array}{l} 14) \quad 80 \times 90 = \underline{7,200} \\ \quad 90 \times 8 = \underline{720} \\ \quad 8 \times 9 = \underline{72} \end{array}$$

1. 5,600
2. 5,400
3. 800
4. 24,000
5. 4,000
6. 42,000
7. 5,400
8. 4,000
9. 30,000
10. 48,000
11. 1,680
12. 3,000
13. 1,440
14. 7,200