



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

Answers

1) $50 \times 36 =$ _____
 $5 \times 18 =$ _____
 $5 \times 9 =$ _____

2) $500 \times 80 =$ _____
 $50 \times 8 =$ _____
 $5 \times 8 =$ _____

3) $160 \times 90 =$ _____
 $16 \times 9 =$ _____
 $8 \times 9 =$ _____

4) $800 \times 50 =$ _____
 $80 \times 5 =$ _____
 $8 \times 5 =$ _____

5) $90 \times 80 =$ _____
 $80 \times 9 =$ _____
 $9 \times 8 =$ _____

6) $140 \times 50 =$ _____
 $14 \times 5 =$ _____
 $7 \times 5 =$ _____

7) $32 \times 40 =$ _____
 $16 \times 4 =$ _____
 $8 \times 4 =$ _____

8) $40 \times 180 =$ _____
 $4 \times 18 =$ _____
 $4 \times 9 =$ _____

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

10) $90 \times 500 =$ _____
 $9 \times 50 =$ _____
 $9 \times 5 =$ _____

11) $24 \times 30 =$ _____
 $12 \times 3 =$ _____
 $6 \times 3 =$ _____

12) $40 \times 28 =$ _____
 $4 \times 14 =$ _____
 $4 \times 7 =$ _____

13) $40 \times 500 =$ _____
 $4 \times 50 =$ _____
 $4 \times 5 =$ _____

14) $80 \times 28 =$ _____
 $8 \times 14 =$ _____
 $8 \times 7 =$ _____

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

$$\begin{array}{l} 1) \quad 50 \times 36 = \underline{1,800} \\ \quad 5 \times 18 = \underline{90} \\ \quad 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{l} 2) \quad 500 \times 80 = \underline{40,000} \\ \quad 50 \times 8 = \underline{400} \\ \quad 5 \times 8 = \underline{40} \end{array}$$

$$\begin{array}{l} 3) \quad 160 \times 90 = \underline{14,400} \\ \quad 16 \times 9 = \underline{144} \\ \quad 8 \times 9 = \underline{72} \end{array}$$

$$\begin{array}{l} 4) \quad 800 \times 50 = \underline{40,000} \\ \quad 80 \times 5 = \underline{400} \\ \quad 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{l} 5) \quad 90 \times 80 = \underline{7,200} \\ \quad 80 \times 9 = \underline{720} \\ \quad 9 \times 8 = \underline{72} \end{array}$$

$$\begin{array}{l} 6) \quad 140 \times 50 = \underline{7,000} \\ \quad 14 \times 5 = \underline{70} \\ \quad 7 \times 5 = \underline{35} \end{array}$$

$$\begin{array}{l} 7) \quad 32 \times 40 = \underline{1,280} \\ \quad 16 \times 4 = \underline{64} \\ \quad 8 \times 4 = \underline{32} \end{array}$$

$$\begin{array}{l} 8) \quad 40 \times 180 = \underline{7,200} \\ \quad 4 \times 18 = \underline{72} \\ \quad 4 \times 9 = \underline{36} \end{array}$$

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

$$\begin{array}{l} 10) \quad 90 \times 500 = \underline{45,000} \\ \quad 9 \times 50 = \underline{450} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{l} 11) \quad 24 \times 30 = \underline{720} \\ \quad 12 \times 3 = \underline{36} \\ \quad 6 \times 3 = \underline{18} \end{array}$$

$$\begin{array}{l} 12) \quad 40 \times 28 = \underline{1,120} \\ \quad 4 \times 14 = \underline{56} \\ \quad 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{l} 13) \quad 40 \times 500 = \underline{20,000} \\ \quad 4 \times 50 = \underline{200} \\ \quad 4 \times 5 = \underline{20} \end{array}$$

$$\begin{array}{l} 14) \quad 80 \times 28 = \underline{2,240} \\ \quad 8 \times 14 = \underline{112} \\ \quad 8 \times 7 = \underline{56} \end{array}$$

1. 1,800
2. 40,000
3. 14,400
4. 40,000
5. 7,200
6. 7,000
7. 1,280
8. 7,200
9. 5,400
10. 45,000
11. 720
12. 1,120
13. 20,000
14. 2,240