



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

Answers

1) $24 \times 50 =$ _____
 $12 \times 5 =$ _____
 $6 \times 5 =$ _____

2) $30 \times 20 =$ _____
 $3 \times 10 =$ _____
 $3 \times 5 =$ _____

3) $600 \times 70 =$ _____
 $60 \times 7 =$ _____
 $6 \times 7 =$ _____

4) $50 \times 140 =$ _____
 $5 \times 14 =$ _____
 $5 \times 7 =$ _____

5) $140 \times 70 =$ _____
 $14 \times 7 =$ _____
 $7 \times 7 =$ _____

6) $90 \times 80 =$ _____
 $80 \times 9 =$ _____
 $9 \times 8 =$ _____

7) $30 \times 700 =$ _____
 $3 \times 70 =$ _____
 $3 \times 7 =$ _____

8) $50 \times 90 =$ _____
 $9 \times 50 =$ _____
 $5 \times 9 =$ _____

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

10) $40 \times 180 =$ _____
 $4 \times 18 =$ _____
 $4 \times 9 =$ _____

11) $80 \times 90 =$ _____
 $90 \times 8 =$ _____
 $8 \times 9 =$ _____

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

13) $900 \times 30 =$ _____
 $90 \times 3 =$ _____
 $9 \times 3 =$ _____

14) $20 \times 70 =$ _____
 $10 \times 7 =$ _____
 $5 \times 7 =$ _____

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

$$\begin{array}{l} 1) \quad 24 \times 50 = \underline{1,200} \\ 12 \times 5 = \underline{60} \\ 6 \times 5 = \underline{30} \end{array}$$

$$\begin{array}{l} 2) \quad 30 \times 20 = \underline{600} \\ 3 \times 10 = \underline{30} \\ 3 \times 5 = \underline{15} \end{array}$$

$$\begin{array}{l} 3) \quad 600 \times 70 = \underline{42,000} \\ 60 \times 7 = \underline{420} \\ 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{l} 4) \quad 50 \times 140 = \underline{7,000} \\ 5 \times 14 = \underline{70} \\ 5 \times 7 = \underline{35} \end{array}$$

$$\begin{array}{l} 5) \quad 140 \times 70 = \underline{9,800} \\ 14 \times 7 = \underline{98} \\ 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{l} 6) \quad 90 \times 80 = \underline{7,200} \\ 80 \times 9 = \underline{720} \\ 9 \times 8 = \underline{72} \end{array}$$

$$\begin{array}{l} 7) \quad 30 \times 700 = \underline{21,000} \\ 3 \times 70 = \underline{210} \\ 3 \times 7 = \underline{21} \end{array}$$

$$\begin{array}{l} 8) \quad 50 \times 90 = \underline{4,500} \\ 9 \times 50 = \underline{450} \\ 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{l} 9) \quad 50 \times 60 = \underline{3,000} \\ 60 \times 5 = \underline{300} \\ 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{l} 10) \quad 40 \times 180 = \underline{7,200} \\ 4 \times 18 = \underline{72} \\ 4 \times 9 = \underline{36} \end{array}$$

$$\begin{array}{l} 11) \quad 80 \times 90 = \underline{7,200} \\ 90 \times 8 = \underline{720} \\ 8 \times 9 = \underline{72} \end{array}$$

$$\begin{array}{l} 12) \quad 80 \times 80 = \underline{6,400} \\ 80 \times 8 = \underline{640} \\ 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{l} 13) \quad 900 \times 30 = \underline{27,000} \\ 90 \times 3 = \underline{270} \\ 9 \times 3 = \underline{27} \end{array}$$

$$\begin{array}{l} 14) \quad 20 \times 70 = \underline{1,400} \\ 10 \times 7 = \underline{70} \\ 5 \times 7 = \underline{35} \end{array}$$

1. 1,200
2. 600
3. 42,000
4. 7,000
5. 9,800
6. 7,200
7. 21,000
8. 4,500
9. 3,000
10. 7,200
11. 7,200
12. 6,400
13. 27,000
14. 1,400