



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

Answers

1) $70 \times 30 =$ _____
 $30 \times 7 =$ _____
 $7 \times 3 =$ _____

2) $36 \times 50 =$ _____
 $18 \times 5 =$ _____
 $9 \times 5 =$ _____

3) $50 \times 32 =$ _____
 $5 \times 16 =$ _____
 $5 \times 8 =$ _____

4) $600 \times 80 =$ _____
 $60 \times 8 =$ _____
 $6 \times 8 =$ _____

5) $30 \times 900 =$ _____
 $3 \times 90 =$ _____
 $3 \times 9 =$ _____

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

7) $32 \times 70 =$ _____
 $16 \times 7 =$ _____
 $8 \times 7 =$ _____

8) $50 \times 20 =$ _____
 $5 \times 10 =$ _____
 $5 \times 5 =$ _____

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

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

11) $70 \times 90 =$ _____
 $9 \times 70 =$ _____
 $7 \times 9 =$ _____

12) $70 \times 700 =$ _____
 $7 \times 70 =$ _____
 $7 \times 7 =$ _____

13) $140 \times 40 =$ _____
 $14 \times 4 =$ _____
 $7 \times 4 =$ _____

14) $60 \times 40 =$ _____
 $40 \times 6 =$ _____
 $6 \times 4 =$ _____

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

$$\begin{array}{r} 1) \quad 70 \times 30 = \underline{2,100} \\ \quad 30 \times 7 = \underline{210} \\ \quad 7 \times 3 = \underline{21} \end{array}$$

$$\begin{array}{r} 2) \quad 36 \times 50 = \underline{1,800} \\ \quad 18 \times 5 = \underline{90} \\ \quad 9 \times 5 = \underline{45} \end{array}$$

$$\begin{array}{r} 3) \quad 50 \times 32 = \underline{1,600} \\ \quad 5 \times 16 = \underline{80} \\ \quad 5 \times 8 = \underline{40} \end{array}$$

$$\begin{array}{r} 4) \quad 600 \times 80 = \underline{48,000} \\ \quad 60 \times 8 = \underline{480} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{r} 5) \quad 30 \times 900 = \underline{27,000} \\ \quad 3 \times 90 = \underline{270} \\ \quad 3 \times 9 = \underline{27} \end{array}$$

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

$$\begin{array}{r} 7) \quad 32 \times 70 = \underline{2,240} \\ \quad 16 \times 7 = \underline{112} \\ \quad 8 \times 7 = \underline{56} \end{array}$$

$$\begin{array}{r} 8) \quad 50 \times 20 = \underline{1,000} \\ \quad 5 \times 10 = \underline{50} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

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

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

$$\begin{array}{r} 11) \quad 70 \times 90 = \underline{6,300} \\ \quad 9 \times 70 = \underline{630} \\ \quad 7 \times 9 = \underline{63} \end{array}$$

$$\begin{array}{r} 12) \quad 70 \times 700 = \underline{49,000} \\ \quad 7 \times 70 = \underline{490} \\ \quad 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{r} 13) \quad 140 \times 40 = \underline{5,600} \\ \quad 14 \times 4 = \underline{56} \\ \quad 7 \times 4 = \underline{28} \end{array}$$

$$\begin{array}{r} 14) \quad 60 \times 40 = \underline{2,400} \\ \quad 40 \times 6 = \underline{240} \\ \quad 6 \times 4 = \underline{24} \end{array}$$

1. 2,1002. 1,8003. 1,6004. 48,0005. 27,0006. 48,0007. 2,2408. 1,0009. 7,20010. 7,20011. 6,30012. 49,00013. 5,60014. 2,400