



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

Answers

1) $20 \times 40 =$ _____
 $10 \times 4 =$ _____
 $5 \times 4 =$ _____

2) $40 \times 32 =$ _____
 $4 \times 16 =$ _____
 $4 \times 8 =$ _____

3) $60 \times 120 =$ _____
 $6 \times 12 =$ _____
 $6 \times 6 =$ _____

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

5) $700 \times 70 =$ _____
 $70 \times 7 =$ _____
 $7 \times 7 =$ _____

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

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

8) $600 \times 90 =$ _____
 $60 \times 9 =$ _____
 $6 \times 9 =$ _____

9) $80 \times 50 =$ _____
 $50 \times 8 =$ _____
 $8 \times 5 =$ _____

10) $30 \times 24 =$ _____
 $3 \times 12 =$ _____
 $3 \times 6 =$ _____

11) $50 \times 900 =$ _____
 $5 \times 90 =$ _____
 $5 \times 9 =$ _____

12) $900 \times 30 =$ _____
 $90 \times 3 =$ _____
 $9 \times 3 =$ _____

13) $70 \times 90 =$ _____
 $90 \times 7 =$ _____
 $7 \times 9 =$ _____

14) $80 \times 50 =$ _____
 $5 \times 80 =$ _____
 $8 \times 5 =$ _____

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

$$\begin{array}{r} 1) \quad 20 \times 40 = \underline{800} \\ 10 \times 4 = \underline{40} \\ 5 \times 4 = \underline{20} \end{array}$$

$$\begin{array}{r} 2) \quad 40 \times 32 = \underline{1,280} \\ 4 \times 16 = \underline{64} \\ 4 \times 8 = \underline{32} \end{array}$$

$$\begin{array}{r} 3) \quad 60 \times 120 = \underline{7,200} \\ 6 \times 12 = \underline{72} \\ 6 \times 6 = \underline{36} \end{array}$$

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

$$\begin{array}{r} 5) \quad 700 \times 70 = \underline{49,000} \\ 70 \times 7 = \underline{490} \\ 7 \times 7 = \underline{49} \end{array}$$

$$\begin{array}{r} 6) \quad 50 \times 50 = \underline{2,500} \\ 50 \times 5 = \underline{250} \\ 5 \times 5 = \underline{25} \end{array}$$

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

$$\begin{array}{r} 8) \quad 600 \times 90 = \underline{54,000} \\ 60 \times 9 = \underline{540} \\ 6 \times 9 = \underline{54} \end{array}$$

$$\begin{array}{r} 9) \quad 80 \times 50 = \underline{4,000} \\ 50 \times 8 = \underline{400} \\ 8 \times 5 = \underline{40} \end{array}$$

$$\begin{array}{r} 10) \quad 30 \times 24 = \underline{720} \\ 3 \times 12 = \underline{36} \\ 3 \times 6 = \underline{18} \end{array}$$

$$\begin{array}{r} 11) \quad 50 \times 900 = \underline{45,000} \\ 5 \times 90 = \underline{450} \\ 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{r} 12) \quad 900 \times 30 = \underline{27,000} \\ 90 \times 3 = \underline{270} \\ 9 \times 3 = \underline{27} \end{array}$$

$$\begin{array}{r} 13) \quad 70 \times 90 = \underline{6,300} \\ 90 \times 7 = \underline{630} \\ 7 \times 9 = \underline{63} \end{array}$$

$$\begin{array}{r} 14) \quad 80 \times 50 = \underline{4,000} \\ 5 \times 80 = \underline{400} \\ 8 \times 5 = \underline{40} \end{array}$$

1. 800

2. 1,280

3. 7,200

4. 7,200

5. 49,000

6. 2,500

7. 2,240

8. 54,000

9. 4,000

10. 720

11. 45,000

12. 27,000

13. 6,300

14. 4,000