



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

3) $30 \times 140 =$ _____
 $3 \times 14 =$ _____
 $3 \times 7 =$ _____

4) $70 \times 80 =$ _____
 $80 \times 7 =$ _____
 $7 \times 8 =$ _____

5) $40 \times 120 =$ _____
 $4 \times 12 =$ _____
 $4 \times 6 =$ _____

6) $32 \times 60 =$ _____
 $16 \times 6 =$ _____
 $8 \times 6 =$ _____

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

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

9) $900 \times 70 =$ _____
 $90 \times 7 =$ _____
 $9 \times 7 =$ _____

10) $30 \times 32 =$ _____
 $3 \times 16 =$ _____
 $3 \times 8 =$ _____

11) $60 \times 70 =$ _____
 $7 \times 60 =$ _____
 $6 \times 7 =$ _____

12) $50 \times 90 =$ _____
 $90 \times 5 =$ _____
 $5 \times 9 =$ _____

13) $20 \times 40 =$ _____
 $10 \times 4 =$ _____
 $5 \times 4 =$ _____

14) $30 \times 600 =$ _____
 $3 \times 60 =$ _____
 $3 \times 6 =$ _____

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

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

$$\begin{array}{l} 2) \quad 600 \times 90 = \underline{54,000} \\ \quad 60 \times 9 = \underline{540} \\ \quad 6 \times 9 = \underline{54} \end{array}$$

$$\begin{array}{l} 3) \quad 30 \times 140 = \underline{4,200} \\ \quad 3 \times 14 = \underline{42} \\ \quad 3 \times 7 = \underline{21} \end{array}$$

$$\begin{array}{l} 4) \quad 70 \times 80 = \underline{5,600} \\ \quad 80 \times 7 = \underline{560} \\ \quad 7 \times 8 = \underline{56} \end{array}$$

$$\begin{array}{l} 5) \quad 40 \times 120 = \underline{4,800} \\ \quad 4 \times 12 = \underline{48} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{l} 6) \quad 32 \times 60 = \underline{1,920} \\ \quad 16 \times 6 = \underline{96} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

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

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

$$\begin{array}{l} 9) \quad 900 \times 70 = \underline{63,000} \\ \quad 90 \times 7 = \underline{630} \\ \quad 9 \times 7 = \underline{63} \end{array}$$

$$\begin{array}{l} 10) \quad 30 \times 32 = \underline{960} \\ \quad 3 \times 16 = \underline{48} \\ \quad 3 \times 8 = \underline{24} \end{array}$$

$$\begin{array}{l} 11) \quad 60 \times 70 = \underline{4,200} \\ \quad 7 \times 60 = \underline{420} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{l} 12) \quad 50 \times 90 = \underline{4,500} \\ \quad 90 \times 5 = \underline{450} \\ \quad 5 \times 9 = \underline{45} \end{array}$$

$$\begin{array}{l} 13) \quad 20 \times 40 = \underline{800} \\ \quad 10 \times 4 = \underline{40} \\ \quad 5 \times 4 = \underline{20} \end{array}$$

$$\begin{array}{l} 14) \quad 30 \times 600 = \underline{18,000} \\ \quad 3 \times 60 = \underline{180} \\ \quad 3 \times 6 = \underline{18} \end{array}$$

1. 5,600
2. 54,000
3. 4,200
4. 5,600
5. 4,800
6. 1,920
7. 49,000
8. 2,240
9. 63,000
10. 960
11. 4,200
12. 4,500
13. 800
14. 18,000