



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

Answers

1) $50 \times 600 =$ _____
 $5 \times 60 =$ _____
 $5 \times 6 =$ _____

2) $80 \times 160 =$ _____
 $8 \times 16 =$ _____
 $8 \times 8 =$ _____

3) $80 \times 600 =$ _____
 $8 \times 60 =$ _____
 $8 \times 6 =$ _____

4) $20 \times 50 =$ _____
 $10 \times 5 =$ _____
 $5 \times 5 =$ _____

5) $60 \times 32 =$ _____
 $6 \times 16 =$ _____
 $6 \times 8 =$ _____

6) $900 \times 70 =$ _____
 $90 \times 7 =$ _____
 $9 \times 7 =$ _____

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

8) $600 \times 70 =$ _____
 $60 \times 7 =$ _____
 $6 \times 7 =$ _____

9) $100 \times 30 =$ _____
 $10 \times 3 =$ _____
 $5 \times 3 =$ _____

10) $100 \times 70 =$ _____
 $10 \times 7 =$ _____
 $5 \times 7 =$ _____

11) $90 \times 24 =$ _____
 $9 \times 12 =$ _____
 $9 \times 6 =$ _____

12) $50 \times 60 =$ _____
 $60 \times 5 =$ _____
 $5 \times 6 =$ _____

13) $40 \times 60 =$ _____
 $6 \times 40 =$ _____
 $4 \times 6 =$ _____

14) $70 \times 80 =$ _____
 $8 \times 70 =$ _____
 $7 \times 8 =$ _____

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

$$\begin{array}{r} 1) \quad 50 \times 600 = \underline{30,000} \\ \quad 5 \times 60 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{r} 2) \quad 80 \times 160 = \underline{12,800} \\ \quad 8 \times 16 = \underline{128} \\ \quad 8 \times 8 = \underline{64} \end{array}$$

$$\begin{array}{r} 3) \quad 80 \times 600 = \underline{48,000} \\ \quad 8 \times 60 = \underline{480} \\ \quad 8 \times 6 = \underline{48} \end{array}$$

$$\begin{array}{r} 4) \quad 20 \times 50 = \underline{1,000} \\ \quad 10 \times 5 = \underline{50} \\ \quad 5 \times 5 = \underline{25} \end{array}$$

$$\begin{array}{r} 5) \quad 60 \times 32 = \underline{1,920} \\ \quad 6 \times 16 = \underline{96} \\ \quad 6 \times 8 = \underline{48} \end{array}$$

$$\begin{array}{r} 6) \quad 900 \times 70 = \underline{63,000} \\ \quad 90 \times 7 = \underline{630} \\ \quad 9 \times 7 = \underline{63} \end{array}$$

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

$$\begin{array}{r} 8) \quad 600 \times 70 = \underline{42,000} \\ \quad 60 \times 7 = \underline{420} \\ \quad 6 \times 7 = \underline{42} \end{array}$$

$$\begin{array}{r} 9) \quad 100 \times 30 = \underline{3,000} \\ \quad 10 \times 3 = \underline{30} \\ \quad 5 \times 3 = \underline{15} \end{array}$$

$$\begin{array}{r} 10) \quad 100 \times 70 = \underline{7,000} \\ \quad 10 \times 7 = \underline{70} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

$$\begin{array}{r} 11) \quad 90 \times 24 = \underline{2,160} \\ \quad 9 \times 12 = \underline{108} \\ \quad 9 \times 6 = \underline{54} \end{array}$$

$$\begin{array}{r} 12) \quad 50 \times 60 = \underline{3,000} \\ \quad 60 \times 5 = \underline{300} \\ \quad 5 \times 6 = \underline{30} \end{array}$$

$$\begin{array}{r} 13) \quad 40 \times 60 = \underline{2,400} \\ \quad 6 \times 40 = \underline{240} \\ \quad 4 \times 6 = \underline{24} \end{array}$$

$$\begin{array}{r} 14) \quad 70 \times 80 = \underline{5,600} \\ \quad 8 \times 70 = \underline{560} \\ \quad 7 \times 8 = \underline{56} \end{array}$$

1. 30,000
2. 12,800
3. 48,000
4. 1,000
5. 1,920
6. 63,000
7. 9,800
8. 42,000
9. 3,000
10. 7,000
11. 2,160
12. 3,000
13. 2,400
14. 5,600