



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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