



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) $20 \times 70 =$ _____
 $10 \times 7 =$ _____
 $5 \times 7 =$ _____

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) $40 \times 700 =$ _____
 $4 \times 70 =$ _____
 $4 \times 7 =$ _____

13) $90 \times 160 =$ _____
 $9 \times 16 =$ _____
 $9 \times 8 =$ _____

14) $60 \times 50 =$ _____
 $5 \times 60 =$ _____
 $6 \times 5 =$ _____

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

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

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

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

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

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

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

$$\begin{array}{l} 7) \quad 20 \times 70 = \underline{1,400} \\ \quad 10 \times 7 = \underline{70} \\ \quad 5 \times 7 = \underline{35} \end{array}$$

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

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

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

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

$$\begin{array}{l} 12) \quad 40 \times 700 = \underline{28,000} \\ \quad 4 \times 70 = \underline{280} \\ \quad 4 \times 7 = \underline{28} \end{array}$$

$$\begin{array}{l} 13) \quad 90 \times 160 = \underline{14,400} \\ \quad 9 \times 16 = \underline{144} \\ \quad 9 \times 8 = \underline{72} \end{array}$$

$$\begin{array}{l} 14) \quad 60 \times 50 = \underline{3,000} \\ \quad 5 \times 60 = \underline{300} \\ \quad 6 \times 5 = \underline{30} \end{array}$$

1. 2,100

2. 1,800

3. 1,600

4. 48,000

5. 27,000

6. 48,000

7. 1,400

8. 1,000

9. 7,200

10. 7,200

11. 6,300

12. 28,000

13. 14,400

14. 3,000