

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

1) $90 \times 160 =$ _____

$9 \times 16 =$ _____

$9 \times 8 =$ _____

2) $60 \times 140 =$ _____

$6 \times 14 =$ _____

$6 \times 7 =$ _____

3) $36 \times 80 =$ _____

$18 \times 8 =$ _____

$9 \times 8 =$ _____

4) $80 \times$ _____ $= 3,200$

$8 \times$ _____ $= 320$

$8 \times$ _____ $= 32$

5) $60 \times$ _____ $= 3,600$

$6 \times$ _____ $= 360$

$6 \times$ _____ $= 36$

6) $120 \times 80 =$ _____

$12 \times 8 =$ _____

$6 \times 8 =$ _____

7) $28 \times 90 =$ _____

$14 \times 9 =$ _____

$7 \times 9 =$ _____

8) $180 \times 90 =$ _____

$18 \times 9 =$ _____

$9 \times 9 =$ _____

9) $70 \times 600 =$ _____

$7 \times 60 =$ _____

$7 \times 6 =$ _____

10) $30 \times 140 =$ _____

$3 \times 14 =$ _____

$3 \times 7 =$ _____

11) $40 \times 36 =$ _____

$4 \times 18 =$ _____

$4 \times 9 =$ _____

12) $600 \times 40 =$ _____

$60 \times 4 =$ _____

$6 \times 4 =$ _____

13) $500 \times 80 =$ _____

$50 \times 8 =$ _____

$5 \times 8 =$ _____

14) $90 \times 120 =$ _____

$9 \times 12 =$ _____

$9 \times 6 =$ _____

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.

1) $90 \times 160 = \underline{14,400}$
 $9 \times 16 = \underline{144}$
 $9 \times 8 = \underline{72}$

2) $60 \times 140 = \underline{8,400}$
 $6 \times 14 = \underline{84}$
 $6 \times 7 = \underline{42}$

3) $36 \times 80 = \underline{2,880}$
 $18 \times 8 = \underline{144}$
 $9 \times 8 = \underline{72}$

4) $80 \times \underline{40} = 3,200$
 $8 \times \underline{40} = 320$
 $8 \times \underline{4} = 32$

5) $60 \times \underline{60} = 3,600$
 $6 \times \underline{60} = 360$
 $6 \times \underline{6} = 36$

6) $120 \times 80 = \underline{9,600}$
 $12 \times 8 = \underline{96}$
 $6 \times 8 = \underline{48}$

7) $28 \times 90 = \underline{2,520}$
 $14 \times 9 = \underline{126}$
 $7 \times 9 = \underline{63}$

8) $180 \times 90 = \underline{16,200}$
 $18 \times 9 = \underline{162}$
 $9 \times 9 = \underline{81}$

9) $70 \times 600 = \underline{42,000}$
 $7 \times 60 = \underline{420}$
 $7 \times 6 = \underline{42}$

10) $30 \times 140 = \underline{4,200}$
 $3 \times 14 = \underline{42}$
 $3 \times 7 = \underline{21}$

11) $40 \times 36 = \underline{1,440}$
 $4 \times 18 = \underline{72}$
 $4 \times 9 = \underline{36}$

12) $600 \times 40 = \underline{24,000}$
 $60 \times 4 = \underline{240}$
 $6 \times 4 = \underline{24}$

13) $500 \times 80 = \underline{40,000}$
 $50 \times 8 = \underline{400}$
 $5 \times 8 = \underline{40}$

14) $90 \times 120 = \underline{10,800}$
 $9 \times 12 = \underline{108}$
 $9 \times 6 = \underline{54}$

Answers

1. 14,400

2. 8,400

3. 2,880

4. 40

5. 60

6. 9,600

7. 2,520

8. 16,200

9. 42,000

10. 4,200

11. 1,440

12. 24,000

13. 40,000

14. 10,800