Name:

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

Answers

1) 70× 28 = _____
    7 × 14 = _____
    7 × 7 = _____

2) 50 × 40 = _____
    40 × 5 = _____
    5 × 4 = _____

3) 40× 160 = _____
    4 × 16 = _____
    4 × 8 = _____

4) 70× 160 = _____
    7 × 16 = _____
    7 × 8 = _____

5) 500 × 70 = _____
    50 × 7 = _____
    5 × 7 = _____

6) 180 × 90 = _____
    18 × 9 = _____
    9 × 9 = _____

7) 700 × 90 = _____
    70 × 9 = _____
    7 × 9 = _____

8) 140 × 30 = _____
    14 × 3 = _____
    7 × 3 = _____

9) 80× 50 = _____
    5 × 80 = _____
    8 × 5 = _____

10) 700 × 50 = _____
    70 × 5 = _____
    7 × 5 = _____

11) 28 × 40 = _____
    14 × 4 = _____
    7 × 4 = _____

12) 28 × 60 = _____
    14 × 6 = _____
    7 × 6 = _____

13) 80× 36 = _____
    8 × 18 = _____
    8 × 9 = _____

14) 80 × 30 = _____
    30 × 8 = _____
    8 × 3 = _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						

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

1) 70× 28 = <u>1,960</u>
    7 × 14 = <u>98</u>
    7 × 7 = <u>49</u>

2) 50 × 40 = <u>2,000</u>
    40 × 5 = <u>200</u>
    5 × 4 = <u>20</u>

3) 40× 160 = <u>6,400</u>
    4 × 16 = <u>64</u>
    4 × 8 = <u>32</u>

4) 70× 160 = <u>11,200</u>
    7 × 16 = <u>112</u>
    7 × 8 = <u>56</u>

5) 500 × 70 = <u>35,000</u>
    50 × 7 = <u>350</u>
    5 × 7 = <u>35</u>

6) 180 × 90 = <u>16,200</u>
    18 × 9 = <u>162</u>
    9 × 9 = <u>81</u>

7) 700 × 90 = <u>63,000</u>
    70 × 9 = <u>630</u>
    7 × 9 = <u>63</u>

8) 140 × 30 = <u>4,200</u>
    14 × 3 = <u>42</u>
    7 × 3 = <u>21</u>

9) 80× 50 = <u>4,000</u>
    5 × 80 = <u>400</u>
    8 × 5 = <u>40</u>

10) 700 × 50 = <u>35,000</u>
    70 × 5 = <u>350</u>
    7 × 5 = <u>35</u>

11) 28 × 40 = <u>1,120</u>
    14 × 4 = <u>56</u>
    7 × 4 = <u>28</u>

12) 28 × 60 = <u>1,680</u>
    14 × 6 = <u>84</u>
    7 × 6 = <u>42</u>

13) 80× 36 = <u>2,880</u>
    8 × 18 = <u>144</u>
    8 × 9 = <u>72</u>

14) 80 × 30 = <u>2,400</u>
    30 × 8 = <u>240</u>
    8 × 3 = <u>24</u>

Answers

1. **1,960**
2. **2,000**
3. **6,400**
4. **11,200**
5. **35,000**
6. **16,200**
7. **63,000**
8. **4,200**
9. **4,000**
10. **35,000**
11. **1,120**
12. **1,680**
13. **2,880**
14. **2,400**

1-10	93	86	79	71	64	57	50	43	36	29
11-14	21	14	7	0						