Halving and Doubling (C)

Name: _____ Date: _____

Use a halving and doubling strategy to calculate each product.

1. $42 \times 50 = 21 \times 100 = 2100$ (×2 on the 21, ÷2 on the 42)

2. $17 \times 4 =$

3. $50 \times 22 =$

4. $5 \times 46 =$

5. $50 \times 12 =$

6. $14 \times 6 =$

7. $50 \times 36 =$

8. $5 \times 24 =$

9. $20 \times 12 =$

10. $4 \times 11 =$

Halving and Doubling (C) Answers

Name: _____ Date: _____

Use a halving and doubling strategy to calculate each product.

1. $42 \times 50 = 21 \times 100 = 2100$ (×2 on 42, ÷2 on 50)

2. $17 \times 4 = 34 \times 2 = 68$ (×2 on 17, ÷2 on 4)

3. $50 \times 22 = 100 \times 11 = 1100$ (×2 on 50, ÷2 on 22)

4. $5 \times 46 = 10 \times 23 = 230$ (×2 on 5, ÷2 on 46)

5. $50 \times 12 = 100 \times 6 = 600$ (×2 on 50, ÷2 on 12)

6. $14 \times 6 = 7 \times 12 = 84$ (×2 on 14, ÷2 on 6)

7. $50 \times 36 = 100 \times 18 = 1800$ (×2 on 50, ÷2 on 36)

8. $5 \times 24 = 10 \times 12 = 120$ (×2 on 5, ÷2 on 24)

9. $20 \times 12 = 10 \times 24 = 240$ (×2 on 20, ÷2 on 12)

10. $4 \times 11 = 2 \times 22 = 44$ (×2 on 4, ÷2 on 11)