

Halving and Doubling (A)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $16 \times 3 = 8 \times 6 = 48$

The diagram illustrates the halving and doubling strategy for the multiplication problem $16 \times 3 = 48$. A red arc is drawn below the numbers 16 and 8, with the label $\div 2$ centered underneath it, indicating that 16 is halved to 8. A green arc is drawn above the numbers 3 and 6, with the label $\times 2$ centered above it, indicating that 3 is doubled to 6. The equation is written as $16 \times 3 = 8 \times 6 = 48$.

2. $23 \times 4 =$

3. $5 \times 18 =$

4. $50 \times 28 =$

5. $3 \times 14 =$

6. $20 \times 32 =$

7. $16 \times 50 =$

8. $36 \times 5 =$

9. $34 \times 50 =$

10. $4 \times 18 =$

Halving and Doubling (A) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $16 \times 3 = 8 \times 6 = 48$

2. $23 \times 4 = 46 \times 2 = 92$

3. $5 \times 18 = 10 \times 9 = 90$

4. $50 \times 28 = 100 \times 14 = 1400$

5. $3 \times 14 = 6 \times 7 = 42$

6. $20 \times 32 = 10 \times 64 = 640$

7. $16 \times 50 = 8 \times 100 = 800$

8. $36 \times 5 = 18 \times 10 = 180$

9. $34 \times 50 = 17 \times 100 = 1700$

10. $4 \times 18 = 2 \times 36 = 72$