

Halving and Doubling (A)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $5 \times 32 = 10 \times 16 = 160$

2. $25 \times 12 =$

3. $38 \times 20 =$

4. $18 \times 3 =$

5. $36 \times 50 =$

6. $41 \times 4 =$

7. $4 \times 24 =$

8. $35 \times 14 =$

9. $18 \times 6 =$

10. $22 \times 6 =$

Halving and Doubling (A) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $5 \times 32 = 10 \times 16 = 160$

2. $25 \times 12 = 50 \times 6 = 300$

3. $38 \times 20 = 76 \times 10 = 760$

4. $18 \times 3 = 9 \times 6 = 54$

5. $36 \times 50 = 18 \times 100 = 1800$

6. $41 \times 4 = 82 \times 2 = 164$

7. $4 \times 24 = 2 \times 48 = 96$

8. $35 \times 14 = 70 \times 7 = 490$

9. $18 \times 6 = 9 \times 12 = 108$

10. $22 \times 6 = 11 \times 12 = 132$

Halving and Doubling (B)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $5 \times 38 = 10 \times 19 = 190$

$\times 2$

$\div 2$

2. $3 \times 16 =$

3. $4 \times 24 =$

4. $46 \times 20 =$

5. $17 \times 20 =$

6. $3 \times 24 =$

7. $50 \times 28 =$

8. $3 \times 14 =$

9. $12 \times 50 =$

10. $5 \times 44 =$

Halving and Doubling (B) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $5 \times 38 = 10 \times 19 = 190$

2. $3 \times 16 = 6 \times 8 = 48$

3. $4 \times 24 = 2 \times 48 = 96$

4. $46 \times 20 = 92 \times 10 = 920$

5. $17 \times 20 = 34 \times 10 = 340$

6. $3 \times 24 = 6 \times 12 = 72$

7. $50 \times 28 = 100 \times 14 = 1400$

8. $3 \times 14 = 6 \times 7 = 42$

9. $12 \times 50 = 6 \times 100 = 600$

10. $5 \times 44 = 10 \times 22 = 220$

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. $17 \times 4 =$

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.

$$1. \quad 42 \times 50 = 21 \times 100 = 2100$$

$\times 2$
 $\div 2$

$$2. \quad 17 \times 4 = 34 \times 2 = 68$$

$\times 2$
 $\div 2$

$$3. \quad 50 \times 22 = 100 \times 11 = 1100$$

$\times 2$
 $\div 2$

$$4. \quad 5 \times 46 = 10 \times 23 = 230$$

$\times 2$
 $\div 2$

$$5. \quad 50 \times 12 = 100 \times 6 = 600$$

$\times 2$
 $\div 2$

$$6. \quad 14 \times 6 = 7 \times 12 = 84$$

$\times 2$
 $\div 2$

$$7. \quad 50 \times 36 = 100 \times 18 = 1800$$

$\times 2$
 $\div 2$

$$8. \quad 5 \times 24 = 10 \times 12 = 120$$

$\times 2$
 $\div 2$

$$9. \quad 20 \times 12 = 10 \times 24 = 240$$

$\times 2$
 $\div 2$

$$10. \quad 4 \times 11 = 2 \times 22 = 44$$

$\times 2$
 $\div 2$

Halving and Doubling (D)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

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

2. $14 \times 20 =$

3. $33 \times 20 =$

4. $13 \times 4 =$

5. $29 \times 20 =$

6. $22 \times 50 =$

7. $20 \times 43 =$

8. $19 \times 4 =$

9. $4 \times 23 =$

10. $36 \times 5 =$

Halving and Doubling (D) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

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

2. $14 \times 20 = 28 \times 10 = 280$

3. $33 \times 20 = 66 \times 10 = 660$

4. $13 \times 4 = 26 \times 2 = 52$

5. $29 \times 20 = 58 \times 10 = 580$

6. $22 \times 50 = 11 \times 100 = 1100$

7. $20 \times 43 = 10 \times 86 = 860$

8. $19 \times 4 = 38 \times 2 = 76$

9. $4 \times 23 = 2 \times 46 = 92$

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

Halving and Doubling (E)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $20 \times 17 = 10 \times 34 = 340$

2. $36 \times 5 =$

3. $14 \times 6 =$

4. $11 \times 4 =$

5. $32 \times 20 =$

6. $42 \times 5 =$

7. $4 \times 22 =$

8. $50 \times 38 =$

9. $18 \times 3 =$

10. $14 \times 5 =$

Halving and Doubling (E) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

$$1. \quad 20 \times 17 = 10 \times 34 = 340$$

$\div 2$ (under 20 to 10) $\times 2$ (over 17 to 34)

$$2. \quad 36 \times 5 = 18 \times 10 = 180$$

$\div 2$ (under 36 to 18) $\times 2$ (over 5 to 10)

$$3. \quad 14 \times 6 = 7 \times 12 = 84$$

$\div 2$ (under 14 to 7) $\times 2$ (over 6 to 12)

$$4. \quad 11 \times 4 = 22 \times 2 = 44$$

$\div 2$ (under 4 to 2) $\times 2$ (over 11 to 22)

$$5. \quad 32 \times 20 = 64 \times 10 = 640$$

$\div 2$ (under 32 to 64) $\times 2$ (over 20 to 10)

$$6. \quad 42 \times 5 = 21 \times 10 = 210$$

$\div 2$ (under 42 to 21) $\times 2$ (over 5 to 10)

$$7. \quad 4 \times 22 = 2 \times 44 = 88$$

$\div 2$ (under 4 to 2) $\times 2$ (over 22 to 44)

$$8. \quad 50 \times 38 = 100 \times 19 = 1900$$

$\div 2$ (under 50 to 100) $\times 2$ (over 38 to 19)

$$9. \quad 18 \times 3 = 9 \times 6 = 54$$

$\div 2$ (under 18 to 9) $\times 2$ (over 3 to 6)

$$10. \quad 14 \times 5 = 7 \times 10 = 70$$

$\div 2$ (under 14 to 7) $\times 2$ (over 5 to 10)

Halving and Doubling (F)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $36 \times 5 = 18 \times 10 = 180$

2. $4 \times 19 =$

3. $4 \times 22 =$

4. $24 \times 20 =$

5. $42 \times 20 =$

6. $18 \times 20 =$

7. $24 \times 5 =$

8. $42 \times 50 =$

9. $3 \times 18 =$

10. $3 \times 16 =$

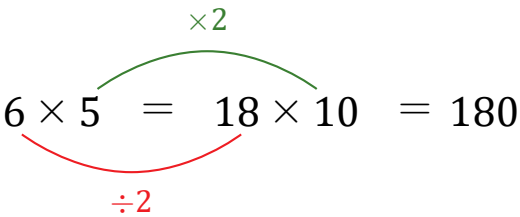
Halving and Doubling (F) Answers

Name: _____

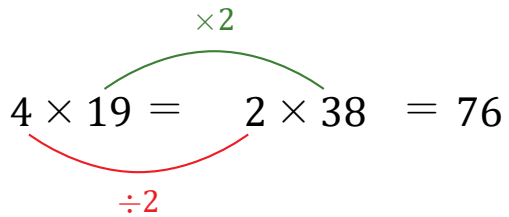
Date: _____

Use a halving and doubling strategy to calculate each product.

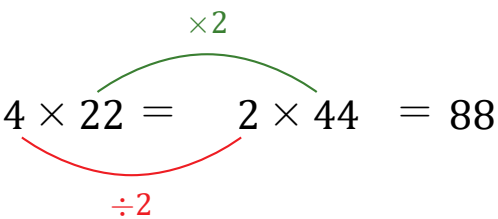
1. $36 \times 5 = 18 \times 10 = 180$



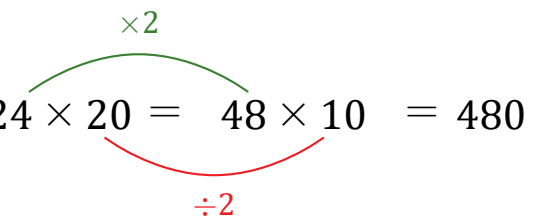
2. $4 \times 19 = 2 \times 38 = 76$



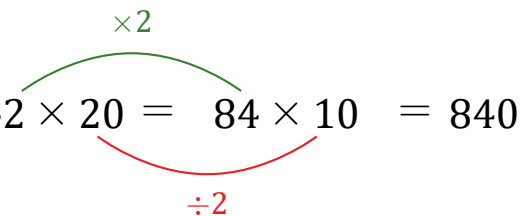
3. $4 \times 22 = 2 \times 44 = 88$



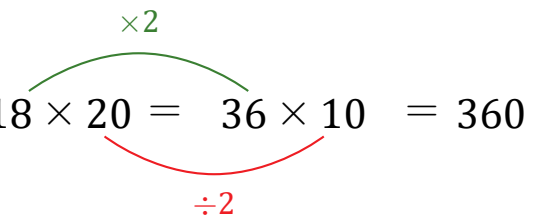
4. $24 \times 20 = 48 \times 10 = 480$



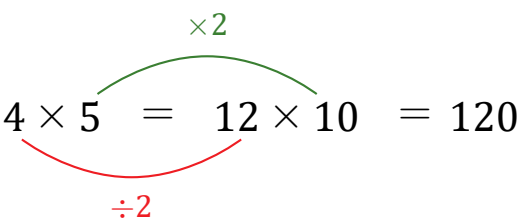
5. $42 \times 20 = 84 \times 10 = 840$



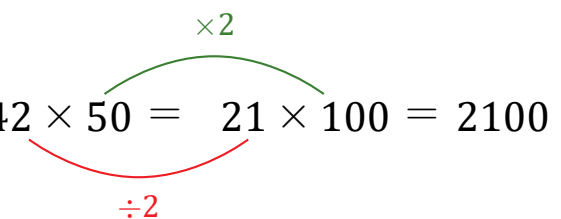
6. $18 \times 20 = 36 \times 10 = 360$



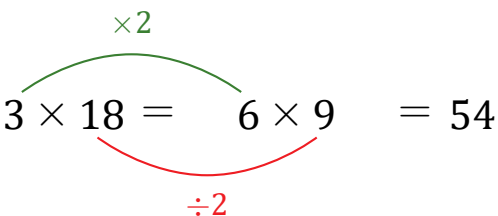
7. $24 \times 5 = 12 \times 10 = 120$



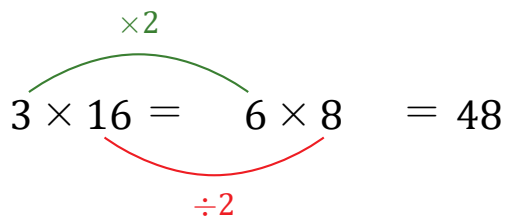
8. $42 \times 50 = 21 \times 100 = 2100$



9. $3 \times 18 = 6 \times 9 = 54$



10. $3 \times 16 = 6 \times 8 = 48$



Halving and Doubling (G)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $34 \times 20 = 68 \times 10 = 680$

2. $24 \times 50 =$

3. $3 \times 18 =$

4. $5 \times 24 =$

5. $20 \times 16 =$

6. $14 \times 6 =$

7. $44 \times 5 =$

8. $32 \times 5 =$

9. $24 \times 3 =$

10. $3 \times 14 =$

Halving and Doubling (G) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $34 \times 20 = 68 \times 10 = 680$

2. $24 \times 50 = 12 \times 100 = 1200$

3. $3 \times 18 = 6 \times 9 = 54$

4. $5 \times 24 = 10 \times 12 = 120$

5. $20 \times 16 = 10 \times 32 = 320$

6. $14 \times 6 = 7 \times 12 = 84$

7. $44 \times 5 = 22 \times 10 = 220$

8. $32 \times 5 = 16 \times 10 = 160$

9. $24 \times 3 = 12 \times 6 = 72$

10. $3 \times 14 = 6 \times 7 = 42$

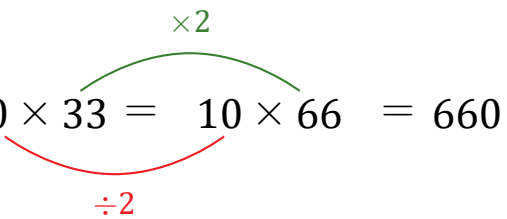
Halving and Doubling (H)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $20 \times 33 = 10 \times 66 = 660$



2. $3 \times 14 =$

3. $24 \times 3 =$

4. $4 \times 16 =$

5. $5 \times 46 =$

6. $5 \times 12 =$

7. $28 \times 50 =$

8. $14 \times 6 =$

9. $3 \times 16 =$

10. $14 \times 50 =$

Halving and Doubling (H) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $20 \times 33 = 10 \times 66 = 660$

2. $3 \times 14 = 6 \times 7 = 42$

3. $24 \times 3 = 12 \times 6 = 72$

4. $4 \times 16 = 2 \times 32 = 64$

5. $5 \times 46 = 10 \times 23 = 230$

6. $5 \times 12 = 10 \times 6 = 60$

7. $28 \times 50 = 14 \times 100 = 1400$

8. $14 \times 6 = 7 \times 12 = 84$

9. $3 \times 16 = 6 \times 8 = 48$

10. $14 \times 50 = 7 \times 100 = 700$

Halving and Doubling (I)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $26 \times 50 = 13 \times 100 = 1300$

2. $16 \times 3 =$

3. $5 \times 32 =$

4. $49 \times 20 =$

5. $20 \times 27 =$

6. $50 \times 16 =$

7. $14 \times 3 =$

8. $4 \times 11 =$

9. $23 \times 4 =$

10. $38 \times 20 =$

Halving and Doubling (I) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $26 \times 50 = 13 \times 100 = 1300$

2. $16 \times 3 = 8 \times 6 = 48$

3. $5 \times 32 = 10 \times 16 = 160$

4. $49 \times 20 = 98 \times 10 = 980$

5. $20 \times 27 = 10 \times 54 = 540$

6. $50 \times 16 = 100 \times 8 = 800$

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

8. $4 \times 11 = 2 \times 22 = 44$

9. $23 \times 4 = 46 \times 2 = 92$

10. $38 \times 20 = 76 \times 10 = 760$

Halving and Doubling (J)

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

1. $50 \times 42 = 100 \times 21 = 2100$

2. $16 \times 50 =$

3. $32 \times 5 =$

4. $44 \times 20 =$

5. $5 \times 22 =$

6. $17 \times 4 =$

7. $20 \times 34 =$

8. $22 \times 4 =$

9. $3 \times 16 =$

10. $21 \times 20 =$

Halving and Doubling (J) Answers

Name: _____

Date: _____

Use a halving and doubling strategy to calculate each product.

$$1. \quad 50 \times 42 = 100 \times 21 = 2100$$

$\times 2$
 $\div 2$

$$2. \quad 16 \times 50 = 8 \times 100 = 800$$

$\times 2$
 $\div 2$

$$3. \quad 32 \times 5 = 16 \times 10 = 160$$

$\times 2$
 $\div 2$

$$4. \quad 44 \times 20 = 88 \times 10 = 880$$

$\times 2$
 $\div 2$

$$5. \quad 5 \times 22 = 10 \times 11 = 110$$

$\times 2$
 $\div 2$

$$6. \quad 17 \times 4 = 34 \times 2 = 68$$

$\times 2$
 $\div 2$

$$7. \quad 20 \times 34 = 10 \times 68 = 680$$

$\times 2$
 $\div 2$

$$8. \quad 22 \times 4 = 44 \times 2 = 88$$

$\times 2$
 $\div 2$

$$9. \quad 3 \times 16 = 6 \times 8 = 48$$

$\times 2$
 $\div 2$

$$10. \quad 21 \times 20 = 42 \times 10 = 420$$

$\times 2$
 $\div 2$