

★ Multiplication & Division – Multiply 2-digits by 1-digit

Children apply their understanding of repeated addition to multiply a 2-digit number by a 1-digit number. They solve problems using the same method presented.

On this sheet, they encounter multiplication problems with no exchange and with exchange. They focus on the 2, 3, and 5 times tables.

★★ Multiplication & Division – Multiply 2-digits by 1-digit

Children use base 10 and fill in the blanks to complete the calculations. They use place value counter to solve multiplying of a 2-digit number by a 1-digit number.

They explore the range of the times tables. On this sheet, there are problems that require them to do the exchange and problems where they do not need to exchange.

★★★ Multiplication & Division – Multiply 2-digits by 1-digit

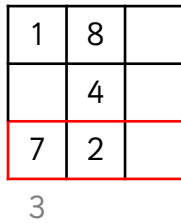
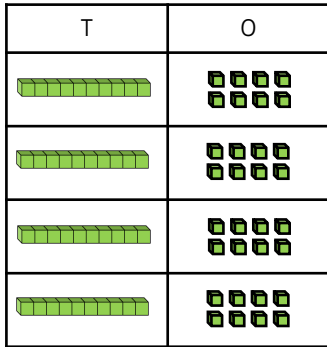
Children work out the secret number in order to proceed to the calculation. They write the missing parts and solve the corresponding representation.

They use place value counters to answer questions with exchange.



Answer the multiplication questions.

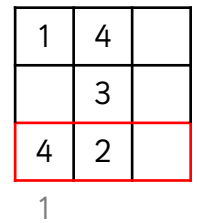
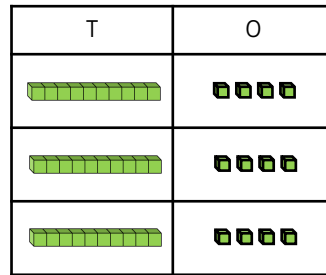
Liam uses Base 10 to calculate  $18 \times 4$



Use Liam's method to solve:

$17 \times 2 =$        $26 \times 3 =$        $17 \times 5 =$

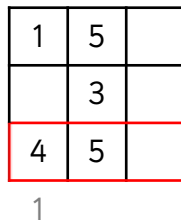
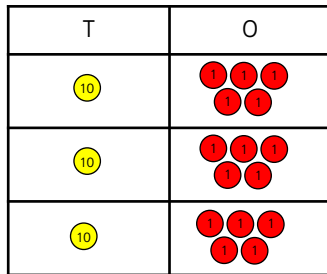
Liam uses Base 10 to calculate  $14 \times 3$



Use Liam's method to solve:

$28 \times 3 =$        $37 \times 2 =$        $13 \times 5 =$

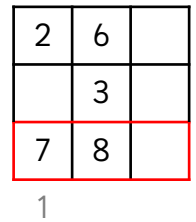
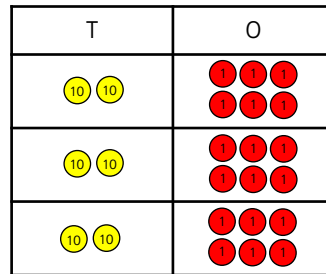
Kale uses place value counters to calculate  $15 \times 3$



Use Kale's method to solve:

$18 \times 5 =$        $29 \times 2 =$        $27 \times 3 =$

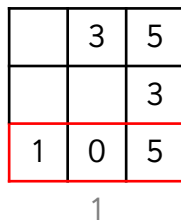
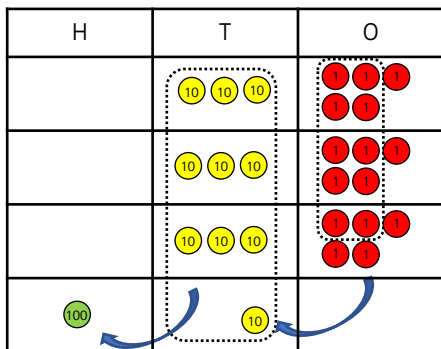
Kale uses place value counters to calculate  $26 \times 3$



Use Kale's method to solve:

$25 \times 3 =$        $36 \times 2 =$        $16 \times 5 =$

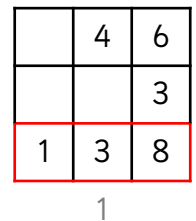
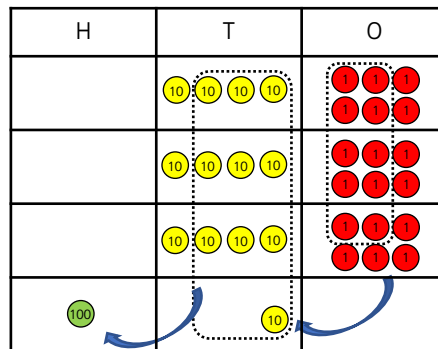
Andrea calculates  $35 \times 3$



Use Andrea's method to solve:

$39 \times 3 =$        $57 \times 2 =$        $49 \times 3 =$

Andrea calculates  $46 \times 3$



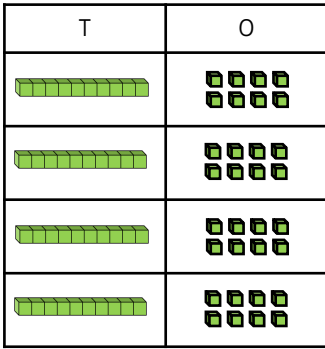
Use Andrea's method to solve:

$59 \times 2 =$        $27 \times 5 =$        $37 \times 3 =$



Answer the multiplication questions.

Liam uses Base 10 to calculate  $18 \times 4$



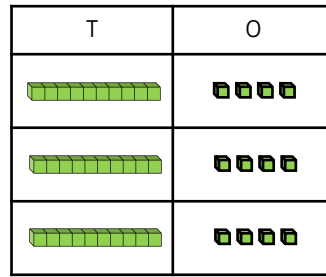
1	8	
	4	
7	2	

3

Use Liam's method to solve:

$17 \times 2 = 34$     $26 \times 3 = 78$     $17 \times 5 = 85$

Liam uses Base 10 to calculate  $14 \times 3$



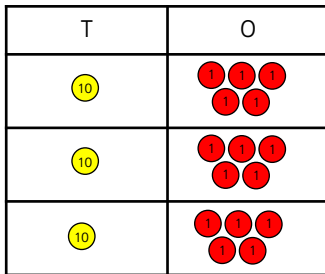
1	4	
	3	
4	2	

1

Use Liam's method to solve:

$28 \times 3 = 84$     $37 \times 2 = 74$     $13 \times 5 = 65$

Kale uses place value counters to calculate  $15 \times 3$



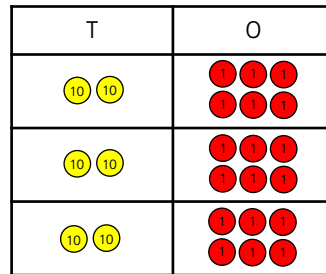
1	5	
	3	
4	5	

1

Use Kale's method to solve:

$18 \times 5 = 90$     $29 \times 2 = 58$     $27 \times 3 = 81$

Kale uses place value counters to calculate  $26 \times 3$



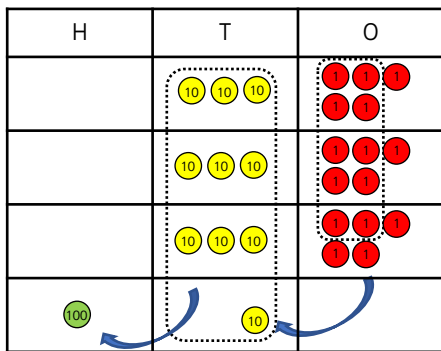
2	6	
	3	
7	8	

1

Use Kale's method to solve:

$25 \times 3 = 75$     $36 \times 2 = 72$     $16 \times 5 = 80$

Andrea calculates  $35 \times 3$



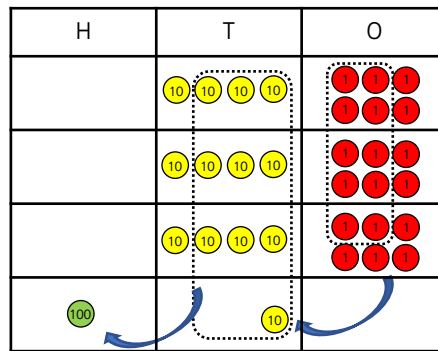
	3	5
		3
1	0	5

1

Use Andrea's method to solve:

$39 \times 3 = 117$     $57 \times 2 = 114$     $49 \times 3 = 147$

Andrea calculates  $46 \times 3$



	4	6
		3
1	3	8

1

Use Andrea's method to solve:

$59 \times 2 = 118$     $27 \times 5 = 135$     $37 \times 3 = 111$



Answer the multiplication questions.

Use base 10 and fill in the blanks to calculate  $23 \times 4$

T	O

2	3	
	4	
9	2	

1

Use base 10 and fill in the blanks to calculate  $15 \times 4$

T	O


Use this method to solve:

$15 \times 6 =$        $12 \times 7 =$        $13 \times 4 =$

Use this method to solve:

$18 \times 5 =$        $12 \times 4 =$        $21 \times 4 =$

Use place value counters to calculate  $12 \times 7$

T	O


Use this method to solve:

$11 \times 8 =$

$14 \times 7 =$

Use place value counters to calculate  $15 \times 6$

T	O


Use this method to solve:

$19 \times 4 =$

$13 \times 7 =$

Use place value counters to calculate  $46 \times 8$

H	T	O


Use this method to solve:

$36 \times 9 =$

$45 \times 6 =$

Use place value counters to calculate  $34 \times 7$

H	T	O


Use this method to solve:

$47 \times 8 =$

$59 \times 9 =$



Answer the multiplication questions.

Use base 10 and fill in the blanks to calculate  $23 \times 4$

T	O

2	3	
	4	
9	2	

1

Use this method to solve:

$15 \times 6 = 90$     $12 \times 7 = 84$     $13 \times 4 = 52$

Use base 10 and fill in the blanks to calculate  $15 \times 4$

T	O

1	5	
	4	
6	0	

2

Use this method to solve:

$18 \times 5 = 90$     $12 \times 4 = 48$     $21 \times 4 = 84$

Use place value counters to calculate  $12 \times 7$

T	O

1	2	
	7	
8	4	

1

Use this method to solve:

$11 \times 8 = 88$

$14 \times 7 = 98$

Use place value counters to calculate  $15 \times 6$

T	O

1	5	
	6	
9	0	

3

Use this method to solve:

$19 \times 4 = 76$

$13 \times 7 = 91$

Use place value counters to calculate  $46 \times 8$

H	T	O

	4	6
		8
3	6	8

4

Use this method to solve:

$36 \times 9 = 324$

$45 \times 6 = 270$

Use place value counters to calculate  $34 \times 7$

H	T	O

	3	4
		7
2	3	8

2

Use this method to solve:

$47 \times 8 = 376$

$59 \times 9 = 531$



Answer the multiplication questions.

Write the missing parts to complete the calculation.

T	O
□□□□□□□□	□
□□□□□□□□	
□□□□□□□□	
□□□□□□□□	
□□□□□□□□	

2	□
4	□
6	□

Write the missing parts to complete the calculation.

T	O
□□□□□□□□	□
□□□□□□□□	
□□□□□□□□	
□□□□□□□□	
□□□□□□□□	
□□□□□□□□	

1	□
6	□
6	□

Fill in the blanks to solve:

I have a secret number.  
 The second digit minus the first digit is 3.  
 My second digit is twenty divided by 5.  
 What is the product of my secret number and half of my secret number?

□	□	□
□	□	□
□	□	□

Fill in the blanks to solve:

I have a secret number.  
 My first digit plus 8 is my second digit.  
 My first digit is the lowest odd number.  
 What is my secret number multiplied by 5?

□	□	□
□	□	□
□	□	□

Use place value counters to calculate  $87 \times 7$

H	T	O

□	□	□
□	□	□
□	□	□

Use place value counters to calculate  $98 \times 7$

H	T	O

□	□	□
□	□	□
□	□	□



Answer the multiplication questions.

Write the missing parts to complete the calculation.

T	O
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□

2	4
	4
9	6

1

Write the missing parts to complete the calculation.

T	O
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□
□□□□□□□□	□□□□

1	6
	6
9	6

3

Or

1	1
	6
6	6

Fill in the blanks to solve:

I have a secret number.  
 The second digit minus the first digit is 3.  
 My second digit is twenty divided by 5.  
 What is the product of my secret number and half of my secret number?

1	4
	7
9	8

2

Fill in the blanks to solve:

I have a secret number.  
 My first digit plus 8 is my second digit.  
 My first digit is the lowest odd number.  
 What is my secret number multiplied by 5?

1	9
	5
9	5

4

Use place value counters to calculate  $87 \times 7$

H	T	O
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1
	10 10 10 10	1 1 1 1 1

	8	7
		7
6	0	9

4

Use place value counters to calculate  $98 \times 7$

H	T	O
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1
	10 10 10 10 10	1 1 1 1 1

	9	8
		7
6	8	6

5