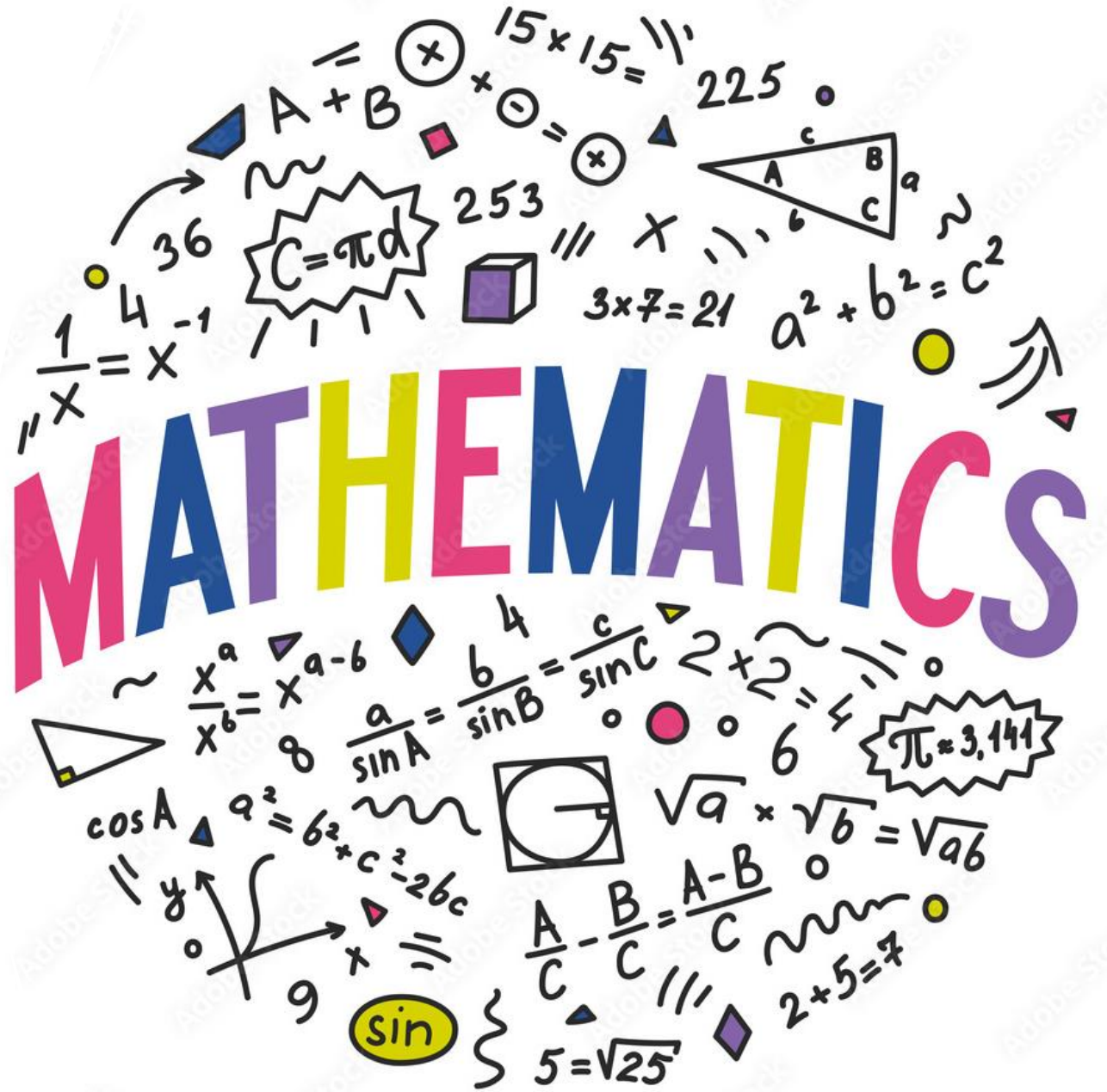
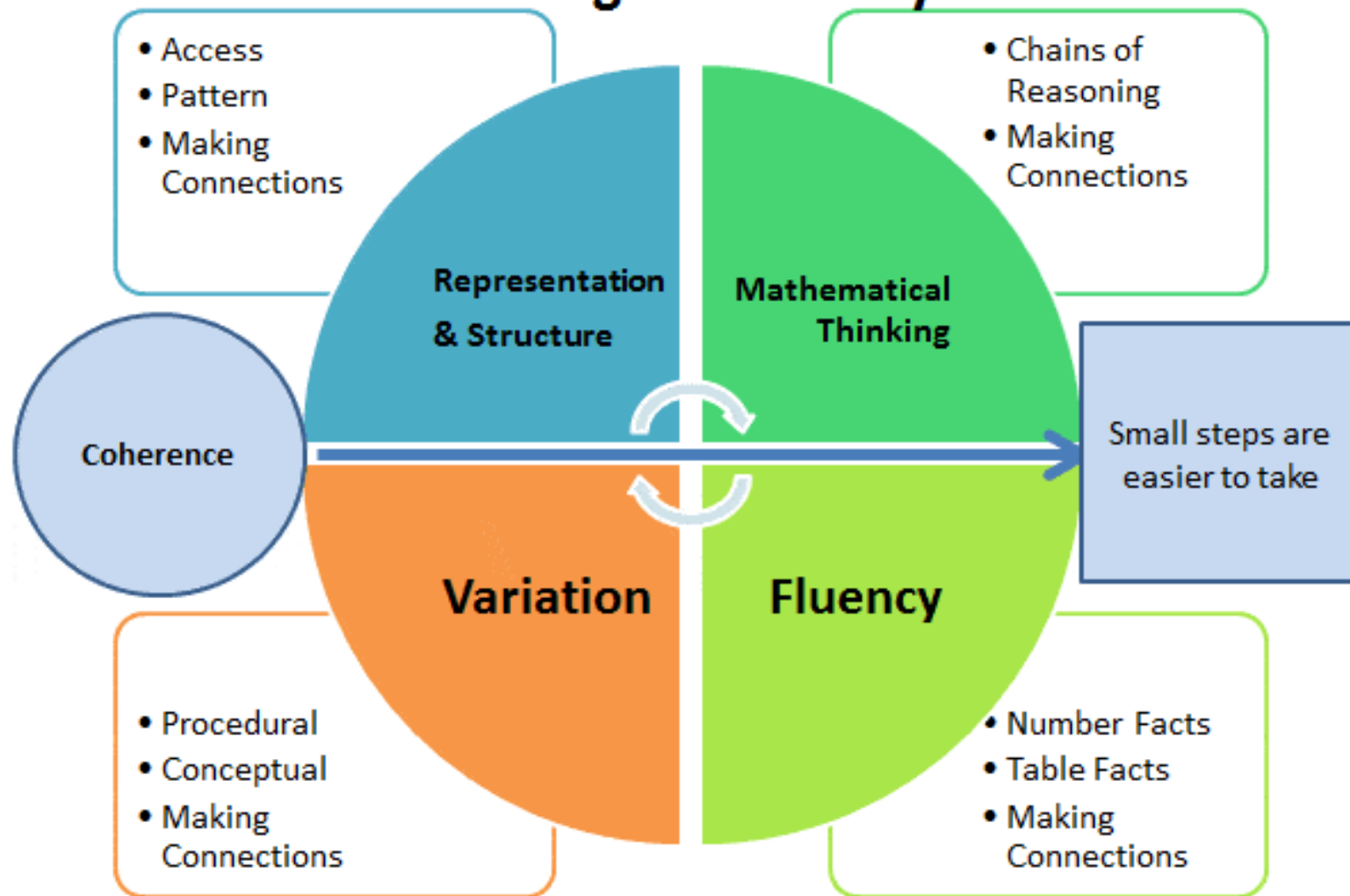


Tuesday 21st
January 2025



Teaching for Mastery



Fluency

$$56 + 56 + 56 =$$

$$234 + 234 =$$

$$\frac{1}{3} \text{ of } 33 =$$

$$673 - 234 =$$

$$326 + 437 =$$

$$45 + 10 =$$

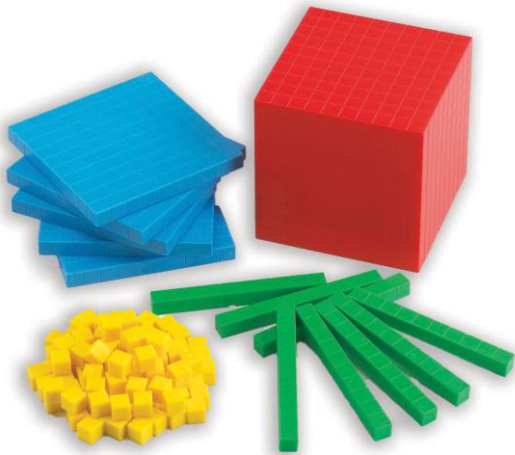
$$270 \div 10 =$$

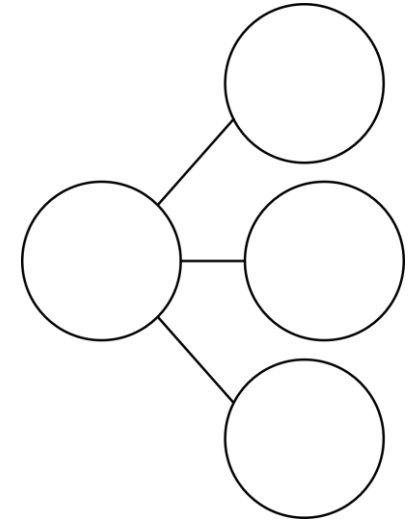
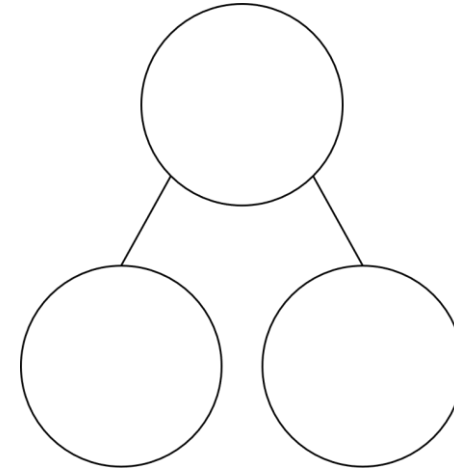
$$37 \times 5 =$$

$$48 \times 4 =$$

$$77 \div 11 =$$

Manipulatives


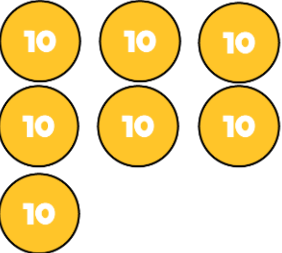


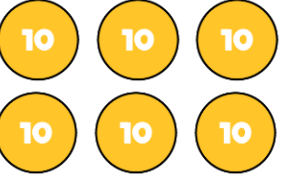





Hundreds	Tens	Ones

Addition

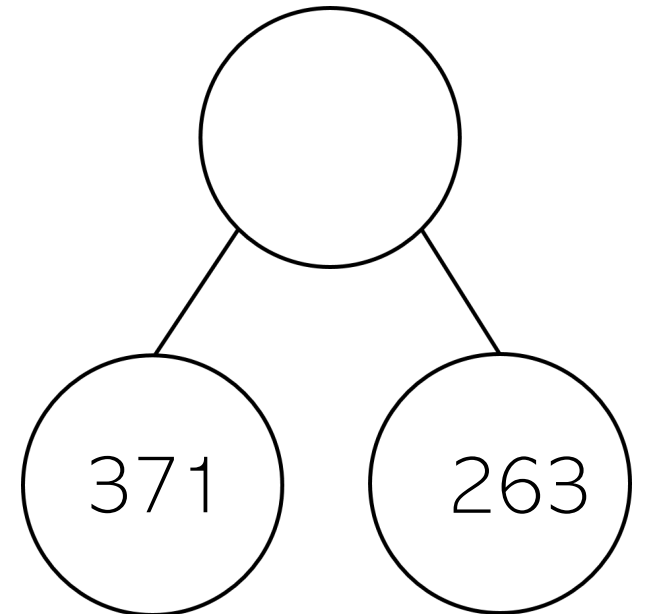
$$371 + 263 =$$

Hundreds	Tens	Ones
		
		

Miss Tonks has scores 371 points in a game. Miss Lacey scores 263 points. How many points do they score in total?

	H	T	O	
	3	7	1	
+	2	6	3	

371	263



Subtraction

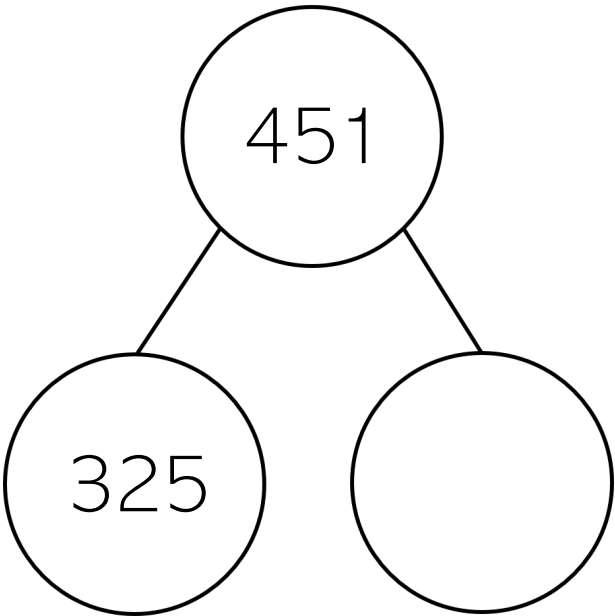
451 – 325 =

Mr McDonagh has £451, he spent £325 on pencils for Year Three. How much money does he have left?

Hundreds	Tens	Ones
<div>100100</div> <div>100100</div>	<div>1010</div> <div>1010</div> <div>10</div>	<div>1</div>

	H	T	O	
	4	5	1	
–	3	2	5	

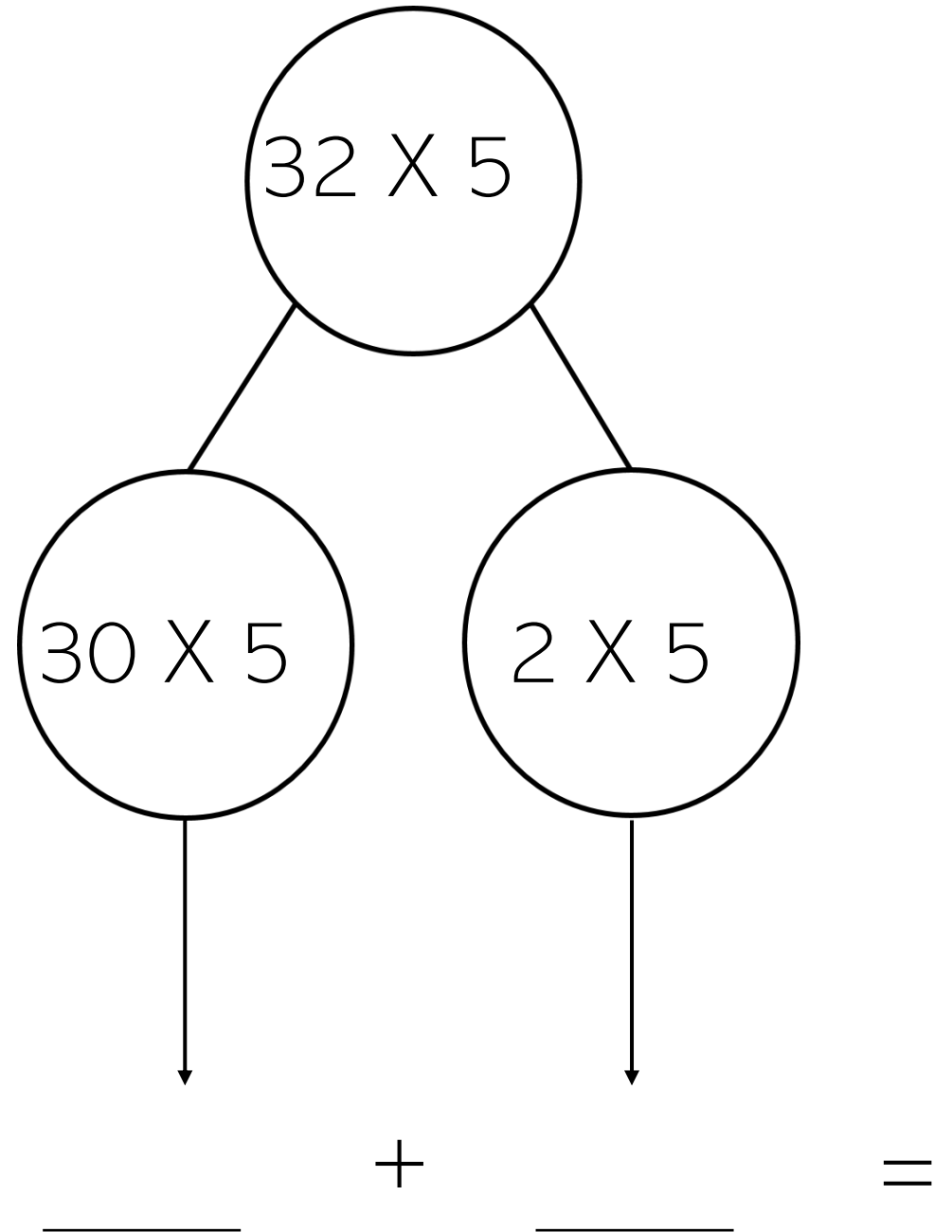
451	
	325



Multiplication

Miss Tonks 5 bags of sweets. There are 32 sweets in each bag. How many sweets does Miss Tonks have now?

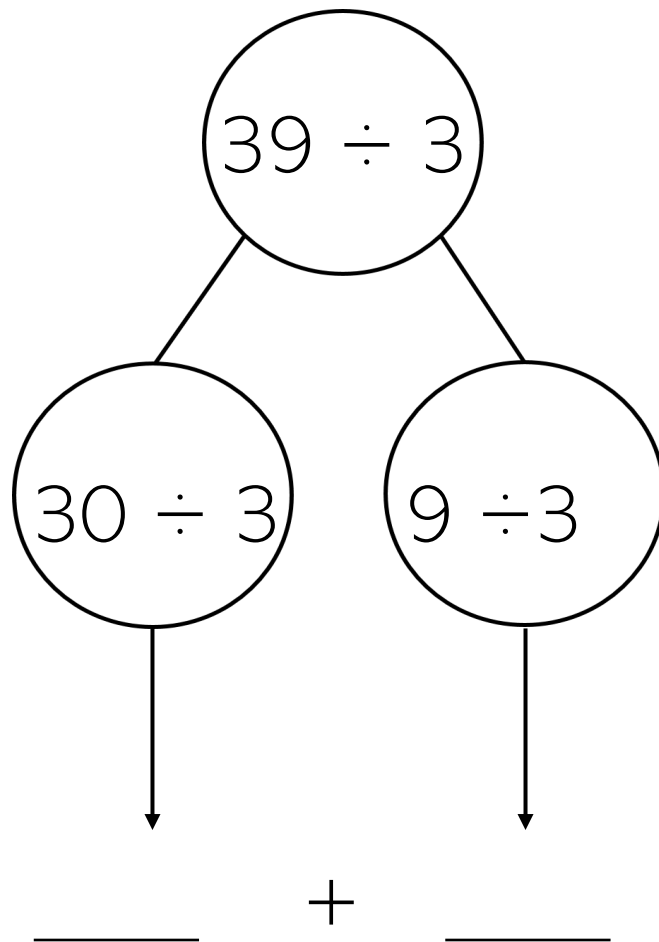
$$32 \times 5 =$$



Division

Miss Tonks is sharing 39 apples between 3 children. How many apples will each child receive?

$$39 \div 3 =$$



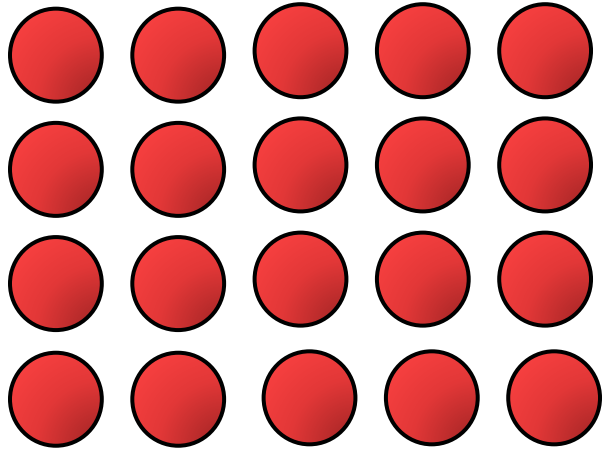
Grouping
vs
Sharing

Tens	Ones
	  
	  
	  

Times Tables



If Miss Tonks knows, $4 \times 5 = 20$ what else does she know?



- Commutative
- Related facts

$$4 \times 5 = 20$$

$$5 \times 4 = 20$$

$$20 = 4 \times 5$$

$$20 = 5 \times 4$$

$$40 \times 5 = 200$$

$$50 \times 4 = 200$$

$$200 = 40 \times 5$$

$$200 = 50 \times 4$$

$$20 \div 5 = 4$$

$$20 \div 4 = 5$$

$$4 = 20 \div 5$$

$$5 = 20 \div 4$$

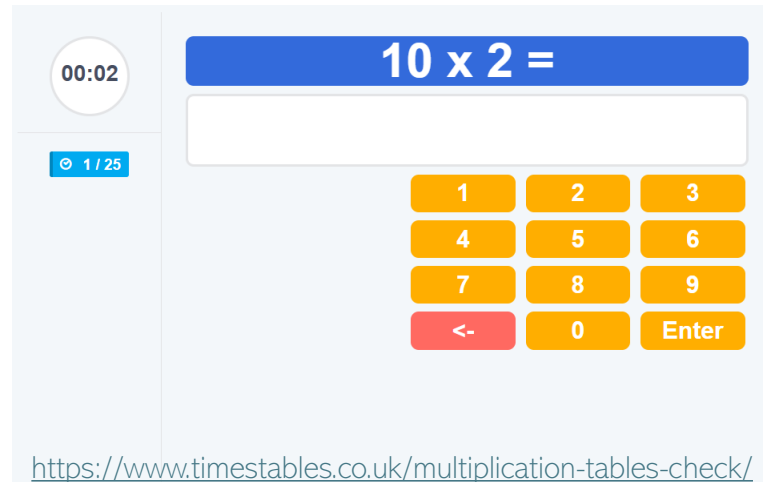
$$200 \div 50 = 4$$

$$200 \div 40 = 5$$

$$4 = 200 \div 50$$

$$5 = 200 \div 40$$

Times tables & Rolling Numbers



<https://play.trockstars.com/ttrs/online/game/home/soundcheck>



Multiplication Table	Minimum number of items in each form	Maximum number of items in each form
1	Not applicable	Not applicable
2	0	2
3	1	3
4	1	3
5	1	3
6	2	4
7	2	4
8	2	4
9	2	4
10	0	2
11	1	3
12	2	4

