



PARENT PROMPT  
DIVISION GUIDE 2

SECOND LEVEL

EXAMPLES using hundreds, tens and units.

Examples of written calculations

Start each calculation by sharing out the hundreds first

EXAMPLE 1 without remainders

1. Share 6 hundreds between 2. How many hundreds each?

To link to multiplication ask  $2 \times ?$  makes 6 hundreds?

Answer 3 hundreds. Record the 3 above the 6 in the hundreds column.

	H	T	U
	3		
2	6	2	4

2. Now share the tens. Share 2 tens between 2. Ask  $2 \times$  what makes 2 tens. Answer 1 ten. Record the 1 above the 2 in the tens column.

	H	T	U
	3	1	
2	6	2	4

3. Now share the units. Share 4 units between 2. Ask  $2 \times$  what makes 4. Answer 2. Record the 2 above the 4 in the units column.

	H	T	U
	3	1	2
2	6	2	4



## EXAMPLE 2 with remainders

1. Share 3 hundreds between 3. How many hundreds each? To link to multiplication ask  $3 \times$  what makes 3 hundreds? Answer 1 hundred. Record the 1 above the 3 in the hundreds column.

	H	T	U	
	1			
3	3	9	1	

2. Now share the tens. Share 9 tens between 3. Ask how many tens each?  $3 \times ? = 9$  tens. Answer 3 tens. Record the 3 above the 9 in the tens column.

	H	T	U	
	1	3		
3	3	9	1	

3. Now share the units. Share 1 between 3. I can't. Record a 0 above the 1 in the units column. I have 1 unit left over/remaining. Record this after the 0 as r (remainder) 1.

	H	T	U	
	1	3	0	r1
3	3	9	1	



## EXAMPLE 3 not enough tens

1. Share 921 between 3. Share 9 hundreds between 3.

Ask  $3 \times ? = 9$  hundreds. Answer 3 hundreds. Record the 3 above the 9 in the hundreds column.

	H	T	U
	3		
3	9	2	1

2. Now share the tens. Share 2 tens between 3. I can't, I don't have enough tens to give 1 ten to everyone.

Record a 0 above the 2 in the tens column.

As we must share everything, exchange the 2 tens for units.

Ask how many units, answer 20 units.

Record this as a small 2 in front of the units column.

	H	T	U
	3	0	
3	9	2	21

3. Now share the units. Share 21 units equally between 3. Ask  $3 \times ? = 21$  units, answer is 7 units. Record a 7 above the 1 in the units column.

	H	T	U
	3	0	7
3	9	2	21



## EXAMPLE 4 not enough hundreds

1. Share 546 between 6. Share 5 hundreds between 6. I can't. Exchange 5 hundreds for tens. Ask how many tens? Answer 50. Record this as a small 5 in front of the 4 in the tens column to make 54 tens. Record a 0 above the 5 in the hundreds column.

	H	T	U
	0		
6	5	54	6

2. Now share the tens. Share 54 tens between 6. Ask  $6 \times ? = 54$ , answer 9 tens. Record a 9 above the 4 in the tens column.

	H	T	U
	0	9	
6	5	54	6

3. Now share the units. Share 6 units between 6. Answer 1. Record the 1 above the 6 in the units column.

	H	T	U
	0	9	1
6	5	54	6