

Wingate Primary School

Maths Examples



Column Addition

		TTH	TH	H	T	O	
		3	1	2	3	7	
	+	4	1	1	9	4	

		TTH	TH	H	T	O	
		3	1	2	3	7	
	+	4	1	1	9	4	
		7	2	4	3	1	
				1	1		

Multiplication

		1	2	3	7
	x			2	3

		1	2	3	7
	x			2	3
		3	7 ₁	1 ₂	1

		1	2	3	7
	x			2	3
		3	7 ₁	1 ₂	1
					0

		1	2	3	7	
	x			2	3	
		3	7 ₁	1 ₂	1	
		2	4	7 ₁	4	0

		1	2	3	7	
	x			2	3	
		3	7 ₁	1 ₂	1	
		2	4	7 ₁	4	0
		2	8	4	5	1
		1				

Multiplication

	H	T	O	
		2	1	
x		1	2	
				(21 x 2)
+				(21 x 10)

	H	T	O	
		2	1	
x		1	2	
		4	2	(21 x 2)
+	2	1	0	(21 x 10)

	H	T	O	
		2	1	
x		1	2	
		4	2	(21 x 2)
+	2	1	0	(21 x 10)
	2	5	2	

Multiplication

Area Model

×	20	3
30		
2		

×	20	3
30	600	
2		

×	20	3
30	600	
2	40	

×	20	3
30	600	90
2	40	

×	20	3
30	600	90
2	40	6

$$600 + 90 = 690$$

$$40 + 6 = 46$$

$$690 + 46 = 736$$

$$23 \times 32 = 736$$

Short Division

	2	4	5	6	2

		2			
	2	4	5	6	2

		2	2		
	2	4	5	6	2

		2	2	8	
	2	4	5	¹ 6	2

		2	2	8	1
	2	4	5	¹ 6	2

Long Division

1	2	8	8	8
	-			
	-			

			7	
1	2	8	8	8
	-	8	4	
	-			

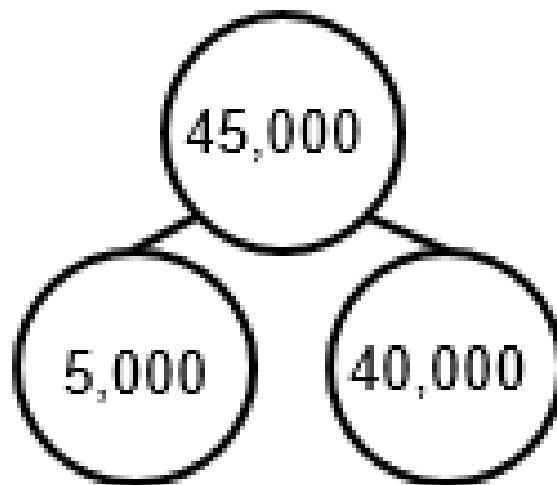
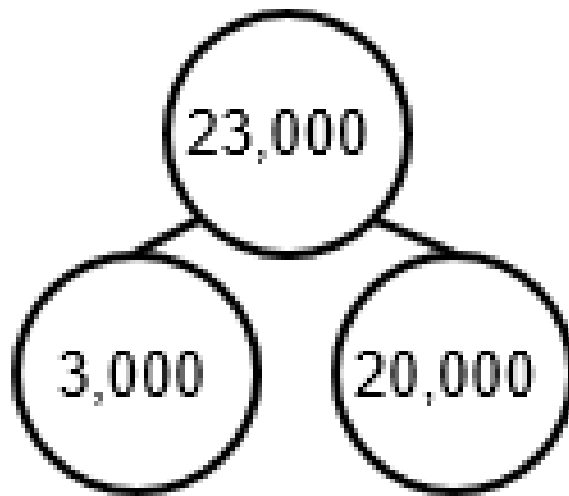
			7	
1	2	8	8	8
	-	8	4	
			4	
	-			

1	2	8	8	8
	-	8	4	↓
			4	8
	-			

			7	
1	2	8	8	8
	-	8	4	↓
			4	8
	-		4	8

			7	4
1	2	8	8	8
	-	8	4	↓
			4	8
	-		4	8
				0

Partitioning



$$45673 =$$

$$40,000 + 5,000 + 600 + 70 + 3$$

$$1,342,542 =$$

$$1,000,000 + 300,000 + 40,000 + 2,000 + 500 + 40 + 2$$