Year 6 Long Division

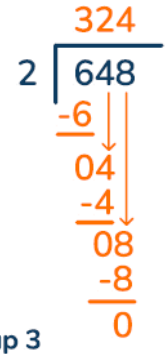
Choose your challenge!

Either divide by 1-digit numbers or divide by 2-digit numbers – or do a combination of the two. (Complete at least 2 groups).

Dividing by 1-digit numbers

÷ × − ↓

1) Divide
2) Multiply
3) Subtract
4) Bring it down...
5) ... and bring it on back!



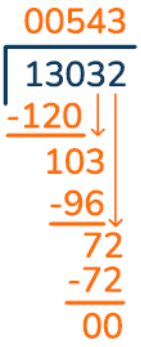
Group 1	Group 2	Group 3
a) 626 ÷ 2 =	a) 1,572 ÷ 3 =	a) 2,580 ÷ 4 =
b) 734 ÷ 2 =	b) 1,016 ÷ 4 =	b) 2,790 ÷ 6 =
c) 702 ÷ 3 =	c) 3,740 ÷ 5 =	c) 2,975 ÷ 7 =
d) 568 ÷ 4 =	d) 1,944 ÷ 6 =	d) 5,400 ÷ 8 =
e) 1,775 ÷ 5 =	e) 2,889 ÷ 9 =	e) 6,183 ÷ 9 =

Dividing by 2-digit numbers

÷ × − ↓

1) List multiples of the divisor (are you going to do repeated addition or partition and add?)
2) Divide
3) Multiply
4) Subtract
5) Bring it down...
6) ... and bring it on back!

1 - 24
2 - 48
3 - 72
4 - 96
5 - 120
6 - 144



Group 1	Group 2	Group 3
a) 2,574 ÷ 11 =	a) 4,096 ÷ 16 =	a) 13,528 ÷ 38 =
b) 1,476 ÷ 12 =	b) 4,488 ÷ 17 =	b) 18,473 ÷ 49 =
c) 2,982 ÷ 21 =	c) 2,628 ÷ 18 =	c) 28,324 ÷ 97 =
d) 7,062 ÷ 22 =	d) 6,764 ÷ 19 =	d) 10,147 ÷ 73 =
e) 6,165 ÷ 15 =	e) 12,350 ÷ 26 =	e) 46,182 ÷ 86 =

Dividing by 2-digit numbers

The answers

Group	Question	Answer
Group 1	a) 2,574 ÷ 11 = b) 1,476 ÷ 12 = c) 2,982 ÷ 21 = d) 7,062 ÷ 22 = e) 6,165 ÷ 15 =	a) 234 b) 123 c) 142 d) 321 e) 411
Group 2	a) 4,096 ÷ 16 = b) 4,488 ÷ 17 = c) 2,628 ÷ 18 = d) 6,764 ÷ 19 = e) 12,350 ÷ 26 =	a) 256 b) 264 c) 146 d) 356 e) 475
Group 3	a) 13,528 ÷ 38 = b) 18,473 ÷ 49 = c) 28,324 ÷ 97 = d) 10,147 ÷ 73 = e) 46,182 ÷ 86 =	a) 356 b) 377 c) 292 d) 139 e) 537

Listing multiples of 2-digit numbers

The answers

Group	Question	Answer
Group 1	a) 13	a) 13, 26, 39, 52, 65, 78, 91, 104, 117
	b) 14	b) 14, 28, 42, 56, 70, 84, 98, 112, 126
	c) 21	c) 21, 42, 63, 84, 105, 126, 147, 168, 189
	d) 22	d) 22, 44, 66, 88, 110, 132, 154, 176, 198
	e) 23	e) 23, 46, 69, 92, 115, 138, 161, 184, 207
Group 2	a) 24	a) 24, 48, 72, 96, 120, 144, 168, 192, 216
	b) 43	b) 43, 86, 129, 172, 215, 258, 301, 344, 387
	c) 34	c) 34, 68, 102, 136, 170, 204, 238, 272, 306
	d) 54	d) 54, 108, 162, 216, 270, 324, 378, 432, 486
	e) 63	e) 63, 126, 189, 252, 315, 378, 441, 504, 567
Group 3	a) 46	a) 46, 92, 138, 184, 230, 276, 322, 368, 414
	b) 74	b) 74, 148, 222, 296, 370, 444, 518, 592, 666
	c) 69	c) 69, 138, 207, 276, 345, 414, 483, 552, 621
	d) 56	d) 56, 112, 168, 224, 280, 336, 392, 448, 504
	e) 49	e) 49, 98, 147, 196, 245, 294, 343, 392, 441