Try It

Use your preferred method of multiplication to answer the questions. Remember to show your workings out.

28 x 45 = 1260

71 x 43 = 3053

62 x 34 = 2108

22 x 86 = 1892

32 x 19 = 608

Use the multiplication grid to help you with your x tables

X	0	1	2	3	4	5	6	7	8	9	10	11	12
0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10	11	12
2	0	2	4	6	8	10	12	14	16	18	20	22	24
3	0	3	6	9	12	15	18	21	24	27	30	33	36
4	0	4	8	12	16	20	24	28	32	36	40	44	48
5	0	5	10	15	20	25	30	35	40	45	50	55	60
6	0	6	12	18	24	30	36	42	48	54	60	66	72
7	0	7	14	21	28	35	42	49	56	63	70	77	84
8	0	8	16	24	32	40	48	56	64	72	80	88	96
9	0	9	18	27	36	45	54	63	72	81	90	99	108
10	0	10	20	30	40	50	60	70	80	90	100	110	120
11	0	11	22	33	44	55	66	77	88	99	110	121	132
12	0	12	24	36	48	60	72	84	96	108	120	132	144

Use it

Prove it

1)

			4	3
	×	5	3	
	1	2	9	
2	1	**5**	**0**	
2	**2**	**7**	**9**	

			7	6
	×	2	**2**	
	1	5	**2**	
1	5	2	0	
1	**6**	7	2	

4)

Eva says,

To multiply 23 by 57 I just need to calculate 20 × 50 and 3 × 7 and then add the totals.

What mistake has Eva made? Explain your answer.

Eva's calculation does not include 20 × 7 and 50 × 3
Children can show this with concrete or pictorial representations.

2) James has 36 boxes of apples, each box contains 12 apples. How many does he have altogether? 432 apples

3) Laura sells 15 cups of lemonade, each cup contains 33ml of drink. How much lemonade does she sell altogether? 495ml of lemonade

5)

Amir has multiplied 47 by 36

			4	7
	×		3	6
	2	8	2	
	1	4	1	
	3	2	3	

Alex says,

Amir is wrong because the answer should be 1,692 not 323

Who is correct? What mistake has been made?

Alex is correct. Amir has forgotten to use zero as a place holder when multiplying by 3 tens.