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# This pack includes:

- multiples boards
- products boards
- remainder boards
   for each of the multiplication tables
   from the 2x to 12x tables.

The rules in this pack are written for multiplying by three. Simply substitute other numbers and boards to play them for other multiplication tables.

If you enjoy the games please tell others.

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First published in 2018 by Buzzard Publishing





## Rules for Games

Box It
Connect It
Join Up
Go Solo
What's Left?
Remainders

# Boards

Multiples Boards 2x - 12x

Products Boards 2x - 12x

What's Left? Boards 2x - 12x

Remainders Boards 2x - 12x

0 - 12 cards template

### Box It



### You need:

Counters

Multiples of 3 Board

0 - 12 cards

#### To play:

Shuffle the cards and place them face down on the table.

Take it in turns to pick a card.

Multiply the number on your card by three and cover the answer somewhere on the board.

If all the answers for your card have been covered, place the card to one side and have another go.

e.g. If you pick a 5 you cover a 15 somewhere on the board, because  $5 \times 3 = 15$ .

#### To win:

The winner is the first player to cover four numbers in a 2 by 2 box

To play a more extended game the winner is the first player to cover six numbers in a 2 by 3 box.

## Go Solo



#### You need:

Coloured pencils

Copy of the Products of 3 Board

#### To practise:

Choose a colour, to colour pairs of numbers.

One of your numbers multiplied by 3 must equal your second number.

Colour all the same pairs in the same colour.

e.g. You could choose to colour 5 and 15 blue because  $5 \times 3 = 15$  - see how many pairs of 5 and 15 you can colour blue.

Choose a new colour and colour a set of new pairs.

Keep going until you have paired up all the numbers, a factor and a product in each pair.

# Multiples of 3 Board



21	12	33	0	27	30	36	0	18	13
15	18	6	12	21	18	9	24	27	30
27	9	3	24	36	6	30	33	21	3
18	36	12	6	9	21	6	36	18	12
24	18	27	36	24	9	18	21	6	36
21	9	30	27	36	6	15	12	24	21
6	36	12	21	9	30	18	6	30	15
21	30	6	24	9	30	27	36	21	30
36	0	9	27	36	12	30	9	18	24
6	21	12	30	24	36	18	6	30	3

# Products of Three



11	8	12	6	9	10	8	27	15	9
27	5	12	3	18	12	3	5	36	11
30	8	1	21	11	24	9	8	24	6
21	10	27	36	8	2	4	21	12	4
24	15	12	6	3	18	9	18	3	21
15	6	36	2	9	24	3	7	6	33
33	18	4	9	11	21	7	30	5	8
9	33	7	3	24	5	6	4	21	9
1	36	12	7	15	8	27	18	12	7
24	27	6	33	5	24	9	7	15	12

# What's left? Board - 3s

29	25	12	34	10	24
Finish	19				
13	23	11	29	12	28
21					
15	26	20	16	27	19
					17
11	31	18	13	28	14
29					Start
16	35	21	13	28	12

# Remainders Board - 3s

	T	T	T	Т		
45	54	42	37	40	53	
Finish	49					
43	55	41	59	42	58	
51						
45	56	50	44	57	49	
					47	
41	37	48	43	58	42	
59					Start	
46	39	51	45	58	42	
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0 - 12 cards