## \% GET the



# This pack includes: <br> - multiples boards <br> - products boards <br> - remainder boards <br> for each of the multiplication tables from the $2 x$ to $12 x$ tables. <br> The rules in this pack are written for multiplying by three. <br> 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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## Contents

## Rules for Games

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

Boards
Multiples Boards 2x-12x
Products Boards 2x-12x
What's Left? Boards $2 x-12 x$
Remainders Boards $2 x-12 x$
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: <br> Coloured pencils <br> 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


| 13 | 23 | 11 | 29 | 12 | 28 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 21 |  |  |  |  |  |
| 15 | 26 | 20 | 16 | 27 | 19 |
| 11 | 31 | 18 | 13 | 28 | 14 |
| 29 |  |  |  |  |  |
| 16 | 35 | 21 | 13 | 28 | 12 |

Remainders Board - $3 s$

| 45 | 54 | 42 | 37 | 40 | 53 |
| :--- | :--- | :--- | :--- | :--- | :--- | | Finish |  |  |  |
| :--- | :--- | :--- | :--- |
| 43 | 55 | 41 | 59 |

51

| 45 | 56 | 50 | 44 | 57 | 49 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 41 | 37 | 48 | 43 | 58 | 42 |

59
Start

| 46 | 39 | 51 | 45 | 58 | 42 |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 0 | 1 | 2 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 3 | 4 | 5 |  |  |
| 6 | 7 | 8 |  |  |
| 9 | 10 | 11 |  |  |
| 12 |  |  |  |  |

