

Warm Up Activity – Bingo

An ideal mental starter for mixed ability classes (E3, L1, L2)

N1 (whole numbers) curriculum links

N1/ E3.3 recall addition and subtraction facts to 20

N1/ E3.5 recall multiplication facts e.g. multiples of 2, 3, 4, 5, 10

N1/ L1.5 recall multiplication facts up to 10x10 and make connections with division facts

N1/ L1.6 recognise numerical relationships e.g. multiples and squares

N1/ L2.2 carry out calculations with numbers of any size using efficient methods).

N1/ L2.4 evaluate expressions; understand that contents of brackets must be worked out first

Other **MSS1** (common measures) and **N2** (decimals and fractions) curriculum elements are touched upon, e.g. value of pi, imperial units, converting between metric units, and money.

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Instructions

Best printed on card and laminated. You may need to print several pages of blanks (page 2).

Cut up master questions and pull from bag or hat, or simply pick at random from master laminated sheet and cross off with an erasable pen.

Give each student some blanks to cover up correct answers on their board.

Variations

- First player to cover their board wins
- First player to complete a row of three (in any direction) wins
- First player to cover a given number of squares wins
- Play in pairs – good for less confident players and for breaking the ice at the beginning of a session
- Play alone – give each student a board and the nine matching answers. Who covers their board first? Then swap boards with another learner, check answers and discuss.

Notes

- If the questions are too difficult or unsuitable - make up alternatives with the same answers.
- Several questions have the same answer, and some answers appear on more than one board. Thus it is possible to have more than one winner. In this case, the player who shouts “Bingo” first wins!
- Each board covers a mixture of skills and curriculum levels but board 1 would be a good choice for E3 / L1 (or any student that is learning their tables), board 3 for older learners who are familiar with imperial measures, board 4 for Level 2, etc.

∞	Π	β
λ	Ω	Σ
\geq	$\%$	∞
∞	Π	β
λ	Ω	Σ
\geq	$\%$	∞

BINGO

3 x 4	5 x 5	7 x 7	6 x 6
8 x 8	9 x 9	10 x 11	11 x 11
12 x 12	100 - 55	(3 x 6) + 2	(4 x 9) + 4
(2x 10)+ (2x5)	3x 0.99p	£50 / 10	5 x 0
96 - 48	(3x2) + (2x3)	1/2(100+20)	£1.99 x 2
£6 - £4.20	5 x £1.20	£20 - £5.99	8 x 9
(£10x3)+(£5 x2)	13 x 13	√144	No. of ounces in a pound
No of pounds in a stone	No. of eggs in a dozen	Baker's dozen	√25
6²	4² + 5²	The value of Π	No. of inches in a foot
No of Prime Minister's house	How long is a 12 inch ruler in cm?	How many g in a Kg?	How many cm in a m?
0.5 +0.25	A quarter + an eighth	5 x 0.5	A half + a quarter

BINGO		
12	25	49
36	64	81
110	121	144

Board 1

<h1>BINGO</h1>		
45	20	40
30	£2.97	5
0	48	12

Board 2

<h1>BINGO</h1>		
£14.01	72	£40
169	12	16
14	12	13

Board 3

<h1>BINGO</h1>		
5	36	41
3.14	30	10
30	1000	100

Board 4

<h1>BINGO</h1>		
0.75	$\frac{3}{8}$	£1.80
2.5	$\frac{3}{4}$	£6
£3.98	60	169

Board 5

BINGO Answersheet

3×4 12	5×5 25	7×7 49	6×6 36
8×8 64	9×9 81	10×11 110	11×11 121
12×12 144	$100 - 55$ 45	$(3 \times 6) + 2$ 20	$(4 \times 9) + 4$ 40
$(2 \times 10) + (2 \times 5)$ 30	$3 \times 0.99\text{p}$ £2.97	$£50 / 10$ £5	5×0 0
$96 - 48$ 48	$(3 \times 2) + (2 \times 3)$ 12	$1/2(100+20)$ 60	$£1.99 \times 2$ £3.98
$£6 - £4.20$ £1.80	$5 \times £1.20$ £6	$£20 - £5.99$ £14.01	8×9 72
$(£10 \times 3) + (£5 \times 2)$ £40	13×13 169	$\sqrt{144}$ 12	No. of ounces in a pound 16
No of pounds in a stone 14	No. of eggs in a dozen 12	Baker's dozen 13	$\sqrt{25}$ 5
6^2 36	$4^2 + 5^2$ 41	The value of π 3.14	No. of inches in a foot 12
No. of Prime Minister's House? 10	How long is a 12 inch ruler in cm? 30cm	How many g in a Kg? 1000	How many cm in a m? 100
$0.5 + 0.25$ 0.75	A quarter + an eighth 3/8	5×0.5 2.5	A half + a quarter 3/4