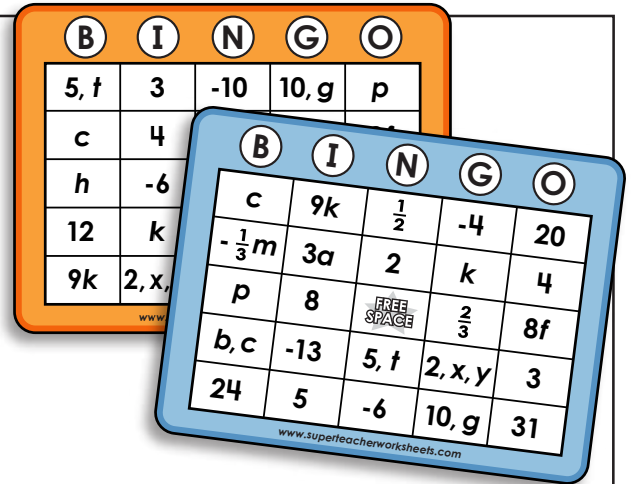# Parts of Expressions (B)(I)(N)(G)(O)

Materials:

- parts of expressions calling cards (page 2)
- parts of expressions bingo boards (pages 3–17)
- a bowl for the calling cards
- bingo markers (pennies, beans, or plastic math counters work well)

B	I	N	G	O
5, t	3	-10	10, g	p
c	4			
h	-6			
12	k			
9k	2, x,			

B	I	N	G	O
c	9k	$\frac{1}{2}$	-4	20
$-\frac{1}{3}m$	3a	2	k	4
p	8	FREE SPACE	$\frac{2}{3}$	8f
b, c	-13	5, t	2, x, y	3
24	5	-6	10, g	31

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How to play:

Each child receives a parts of expressions bingo board and some

Preview

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know the game is over. A teacher should then check the board to be sure the student is correct.

Teaching tips:

You may want to offer a sticker, healthy snack, or other small prize to the winner.

Consider writing the expressions and parts being identified on the board as you call them. Visual learners may find it easier to see the expressions rather than just hear them. It will also help to quickly verify the winning board.

Use students as callers. The winner of one game can be the caller for the next game. (The caller may still need a teacher to help check over the board of a potential winner.)

You may want to print bingo boards and calling cards on card stock and laminate them so they last for years to come.

Parts of Expressions (B) (I) (N) (G) (O)

Calling Cards

coeffient in $7 + 3a$ (3)	variables in $.75b + 2c$ (b, c)	second term in $s^2 + 5 = 5t$ (5)	difference in $-m - 10 = 8$ (8)	product in $s^2 \times 5t = 24$ (24)
coeffient in $-4x - 2 = 11$ (-4)	variable in $31 \div k = 4$ (k)	second term in $n - \frac{1}{3}m + 1$ $(-\frac{1}{3}m)$	difference in $3d - 4e = -6$ (-6)	product in $-13d \times 2e = 8f$ (8f)

constant in $31 - 7r - y$ (31)	first term in $3a - 14 = 6$ (3a)	sum in $6 + 10g = h$ (h)	quotient in $9 \div k = 12$ (12)	factors in $2xy + z$ (2, x, y)
constant in $\frac{1}{2}j + 2$ (2)	first term in $9k + 24 = 19$ (9k)	sum in $2xy + 31 = 20$ (20)	quotient in $.3x \div y = \frac{2}{3}$ $(\frac{2}{3})$	factors in $5t + u - 2$ (5, t)
constant in $8f - 10 = g$ (-10)	first term in $.75 - e$ (.75)	sum in $3m + 5 = -13$ (-13)	quotient in $\frac{b}{7} = c$ (c)	factors in $10 \times g = 5$ (10, g)

B	I	N	G	O
5, t	3	-10	10, g	p
c	4	2	1	8f
h	-6	**FREE SPACE**	3a	5
12	k	24	$-\frac{1}{3}m$	-4

c	9k	$\frac{1}{2}$	-4	20
$-\frac{1}{3}m$	3a	2	k	4
p	8	**FREE SPACE**	$\frac{2}{3}$	8f
b, c	-13	5, t	2, x, y	3
24	5	-6	10, g	31

B	I	N	G	O
4	$-\frac{1}{3}m$	31	$\frac{2}{3}$	5, t
8f	2, x, y	b, c	-6	k
10, g	h	FREE SPACE	9k	12
u	8	p	2	20

B	I	N	G	O
24	31	b, c	p	8f
1	$-\frac{1}{3}m$	8	-10	u
3	4	FREE SPACE	12	9k
2	h	2, x, y	$\frac{2}{3}$	-4
-6	3a	$\frac{1}{2}$	c	.75

B	I	N	G	O
12	.75	8	10, g	20
$\frac{1}{2}$	31	$3a$	c	h
1	-10	FREE SPACE	5, t	b, c
$-\frac{1}{3}m$	24	4	k	$9k$

$\frac{2}{3}$	p	10, g	1	-4
12	5	5, t	.75	$\frac{1}{2}$
$-\frac{1}{3}m$	4	FREE SPACE	3	24
-6	h	$8f$	2	b, c
u	$9k$	31	20	-13

B	I	N	G	O
.75	20	$\frac{2}{3}$	-13	*u*
p	4	3*a*	*c*	3
12	9*k*	**FREE SPACE**	-6	24
2, *x*, *y*	-4	*k*	8	-10

B	I	N	G	O
$\frac{2}{3}$	*k*	24	*p*	$\frac{1}{2}$
1	3	-6	4	*h*
2	31	**FREE SPACE**	20	8*f*
9*k*	5	10, *g*	*b*, *c*	8
$-\frac{1}{3}m$	*u*	2, *x*, *y*	12	*c*

Card 1

B	I	N	G	O
p	12	4	5, t	-13
u	3	$8f$	k	-6
8	20	FREE SPACE	10, g	b, c
$-\frac{1}{3}m$	$3a$	$\frac{1}{2}$	31	h

Card 2

c	-4	12	4	$3a$
5	1	$8f$	.75	8
2, x, y	31	FREE SPACE	u	20
2	$-\frac{1}{3}m$	$\frac{1}{2}$	p	$\frac{2}{3}$
24	5, t	k	b, c	$9k$

BINGO

B	I	N	G	O
-6	12	3a	8	h
u	-10	b, c	3	p
2	8f	FREE SPACE	31	c
1	5	-4	10, g	24

B	I	N	G	O
12	24	5, t	9k	$-\frac{1}{3}m$
3	2	2, x, y	31	8f
-10	b, c	FREE SPACE	$\frac{2}{3}$	3a
u	-4	k	c	4
-13	h	-6	5	20

B	I	N	G	O
$\frac{1}{2}$	-4	-10	12	-6
p	k	$\frac{2}{3}$	20	31
10, g	5, t	**FREE SPACE**	1	8f
3a	c	.75	24	3

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8	$\frac{2}{3}$	20	.75	-10
12	24	3	2, x, y	$-\frac{1}{3}m$
9k	1	**FREE SPACE**	k	-6
-4	p	-13	h	b, c
10, g	4	5, t	5	c

B I N G O

B	I	N	G	O
b, c	p	$5, t$	24	31
-13	$-\frac{1}{3}m$	8	.75	2
-4	-10	FREE SPACE	4	$9k$
$\frac{1}{2}$	h	$3a$	$\frac{2}{3}$	-6

h	$\frac{2}{3}$	2	$5, t$	1
-13	3	5	24	c
12	4	FREE SPACE	$-\frac{1}{3}m$	$8f$
b, c	u	$3a$	$2, x, y$	p
$9k$	8	k	20	31

2	*u*	-6	1	$\frac{2}{3}$
b, c	.75	31	5, *t*	*c*
-10	3	**FREE SPACE**	*h*	20
12	8*f*	*k*	$-\frac{1}{3}m$	-4

1	20	*u*	*b, c*	.75
$\frac{2}{3}$	3	8*f*	9*k*	-10
4	-13	**FREE SPACE**	-4	2, *x, y*
c	-6	5, *t*	*k*	5
$-\frac{1}{3}m$	2	8	*p*	24

B	I	N	G	O
h	10, g	p	5, t	-6
-10	b, c	-4	-13	2
8f	1	FREE SPACE	k	24
$\frac{2}{3}$	$\frac{1}{2}$	.75	20	u

Preview

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c	2	h	3	1
12	3a	31	5	-4
-13	9k	FREE SPACE	20	24
5, t	k	8	10, g	.75
8f	$\frac{2}{3}$	b, c	$\frac{1}{2}$	2, x, y

B	I	N	G	O
p	3	31	24	4
20	12	$\frac{2}{3}$	10, g	3a
$\frac{1}{2}$	5	**FREE SPACE**	.75	-4
b, c	8	-10	-6	u

B	I	N	G	O
4	31	3a	$\frac{2}{3}$	-4
12	2, x, y	5, t	5	p
-6	20	**FREE SPACE**	b, c	3
.75	8	c	9k	1
$-\frac{1}{3}m$	-10	8f	k	24

B I N G O

B	I	N	G	O
$\frac{2}{3}$	c	$9k$	3	12
20	$2, x, y$	u	$10, g$	k
b, c	31	FREE SPACE	1	-13
$-\frac{1}{3}m$	-4	5	24	p

4	$3a$	$8f$	2	24
$9k$	$2, x, y$	$\frac{1}{2}$	12	b, c
3	$\frac{2}{3}$	FREE SPACE	-6	$-\frac{1}{3}m$
u	5	h	-10	20
1	$5, t$	c	p	$10, g$

B	I	N	G	O
12	24	-10	.75	5
20	-13	4	$\frac{1}{2}$	2
u	1	**FREE SPACE**	$9k$	8
c	$3a$	b, c	p	3

B	I	N	G	O
$\frac{1}{2}$	-13	1	u	12
5	k	24	-10	31
$5, t$	20	**FREE SPACE**	p	-6
3	$-\frac{1}{3}m$	$10, g$	4	2
$9k$	c	$2, x, y$	h	$3a$

BINGO

B	I	N	G	O
$-\frac{1}{3}m$	k	12	5, t	1
24	10, g	.75	4	5
-6	$\frac{1}{2}$	FREE SPACE	3a	b, c
p	u	8f	31	20

p	-6	-10	1	12
h	2, x, y	8f	2	c
3a	3	FREE SPACE	31	$\frac{2}{3}$
$\frac{1}{2}$	20	k	10, g	.75
u	5, t	24	-4	9k

BINGO

B	I	N	G	O
p	b, c	$-\frac{1}{3}m$	$\frac{2}{3}$	8
$3a$	3	12	4	$8f$
-10	-6	FREE SPACE	k	-4
2	c	20	$2, x, y$	.75

4	u	-6	$10, g$	k
5	$5, t$	1	.75	31
3	$3a$	FREE SPACE	$8f$	$\frac{1}{2}$
b, c	12	2	c	p
$9k$	-4	$\frac{2}{3}$	-10	-13