

Bingo Caller's Sheet

50 cm : 1 m	8 : 24	25p : £1	20p : £1
1 : 2	1 : 3	1 : 4	1 : 5
20 : 120	5 : 40	1 mm : 1 cm	£1 : £1.50
1 : 6	1 : 8	1 : 10	2 : 3
1 m : 2.5 m	15 : 20	60 : 100	15 : 40
2 : 5	3 : 4	3 : 5	3 : 8
20 : 25	15 : 18	30 : 25	250 : 200
4 : 5	5 : 6	6 : 5	5 : 4
16 : 6	35 : 21	12 : 9	25 : 10
8 : 3	5 : 3	4 : 3	5 : 2

Bingo Instructions

- Caller - choose one of the ratios on the sheet.
- Call out the ratio on top (i.e. the pink part) or write it on the board, then cover it (or cross it out).
- Players - look for the simplified form of the ratio (i.e. the second ratio) on their cards and cover it (or cross it out).
- Repeat this until someone has crossed out all the ratios on their card – this person is the winner.

1 : 2	5 : 4	4 : 1
2 : 5	1 : 3	8 : 3
1 : 5	2 : 3	1 : 4

1 : 5	5 : 3	3 : 1
3 : 4	1 : 8	4 : 3
4 : 1	8 : 1	1 : 8

1 : 10	5 : 2	2 : 1
3 : 5	2 : 3	3 : 2
8 : 3	1 : 5	2 : 5

3 : 4	100 : 1	1 : 2
3 : 8	3 : 5	8 : 1
4 : 3	1 : 8	5 : 1

4 : 5	6 : 1	1 : 3
3 : 8	5 : 6	5 : 1
5 : 2	5 : 3	6 : 5

4 : 1	5 : 2	3 : 5
100 : 1	6 : 1	6 : 5
5 : 3	2 : 1	4 : 5

$1 : 4$	$2 : 3$	$1 : 8$
$1 : 10$	$3 : 8$	$3 : 4$
$3 : 5$	$5 : 4$	$1 : 2$

$1 : 2$	$1 : 3$	$4 : 3$
$3 : 2$	$5 : 4$	$6 : 1$
$2 : 3$	$5 : 6$	$100 : 1$

2 : 1	4 : 1	8 : 1
8 : 3	6 : 5	3 : 8
5 : 2	3 : 4	1 : 8

1 : 4	1 : 8	3 : 1
5 : 6	1 : 10	2 : 1
3 : 2	4 : 5	2 : 5

1 : 3	4 : 5	1 : 8
1 : 4	5 : 3	2 : 5
1 : 10	3 : 2	100 : 1

3 : 1	5 : 6	1 : 10
3 : 2	2 : 5	1 : 2
4 : 3	3 : 8	6 : 5

3 : 2	100 : 1	6 : 5
6 : 1	8 : 3	1 : 10
3 : 1	4 : 5	1 : 2

1 : 3	1 : 8	4 : 1
5 : 2	3 : 5	5 : 1
6 : 1	5 : 4	100 : 1

1 : 5	6 : 5	4 : 1
2 : 3	4 : 3	5 : 1
3 : 5	100 : 1	1 : 3

Matching Cards

Shuffle each set of cards. Player then matches each ratio with its simplified version.

8 : 24

1 m : 2.5 m

25p : £1

15 : 20

20p : £1

60 : 100

20 : 120

15 : 40

5 : 40

20 : 25

1 mm : 1 cm

15 : 18

£1 : £1.50

30 : 25

250 : 200	200 : 25
16 : 6	1 hour : 10 min
35 : 21	£2.50 : 50p
12 : 9	1 kg : 250 g
25 : 10	150 : 50
1.5 km : 1 km	1 litre : 500 ml
1 m : 1 cm	50 cm : 1 m

1 : 2	2 : 3	6 : 5	100 : 1
1 : 3	2 : 5	5 : 4	8 : 1
1 : 4	3 : 4	8 : 3	6 : 1
1 : 5	3 : 5	5 : 3	5 : 1
1 : 6	3 : 8	4 : 3	4 : 1
1 : 8	4 : 5	5 : 2	3 : 1
1 : 10	5 : 6	3 : 2	2 : 1

Teacher Notes

Unit Foundation Level, Managing money
Foundation Level, Making sense of data
Intermediate Level, Calculating finances

Notes

These activities will give learners practice in simplifying ratios.

The cards were generated from an Excel sheet provided by the Standards Unit.

Bingo (Pages 1 – 9)

The caller's sheet with instructions is on page 1 and 15 bingo cards are given on pages 2 – 9.

Paper copies could be used for each game so that the caller and players can cross off values as they are called, or the cards could be laminated for repeated use. If possible, use coloured paper for the cards. For a quicker game or more than one winner, ask learners to call 'Bingo' when they have a row or diagonal line.

Matching Ratio Cards (Pages 10 – 12)

This activity could be used as a starter with learners working in pairs or alone.

You need 2 sets of ratio cards for each person or pair of learners – the set of larger cards on pages 10 and 11 and the smaller cards (containing the simplified forms) on page 12. Print each set of cards then laminate and cut out. (It would be useful to use different colours for the larger cards and smaller cards.) Ask learners to match pairs of cards – each large card with one small card (giving the simplified ratio).

