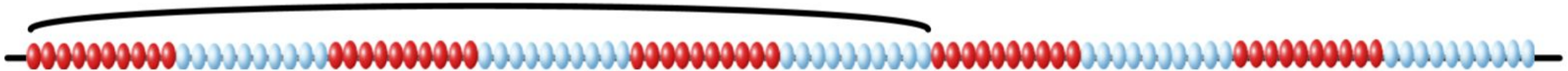Mathematics

Understanding percentage
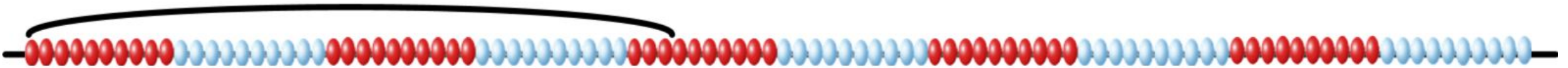
Mr Kelsall

New learning: percent

What percentage of the whole string is 60 beads?

What percentage of the whole string is 43 beads?

New learning: percent

What percentages of the whole string can you represent?
30% means 30 out of 100; 30 beads is 30% of the whole string.

30%	21%	35%	45%	3%
100%	17%	90%	50%	101%

Develop learning: percent

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Shade in all of the multiples of seven in the grid.

_____ % are multiples of seven

_____% are not multiples of seven

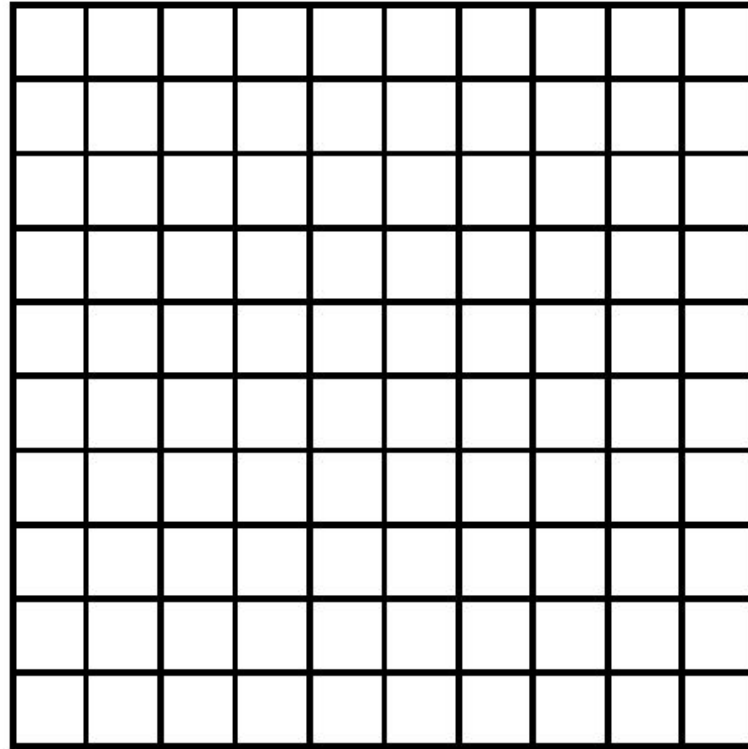| 1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Shade in all of the square numbers in the grid.

_____ % are square numbers

_____% are not square numbers

Independent learning

KEY

▨ Team GB

⊡ Brazil

U USA

There are 100 people in a section of an arena.

Shade in a square to show the 14% of them that are supporting Team GB.

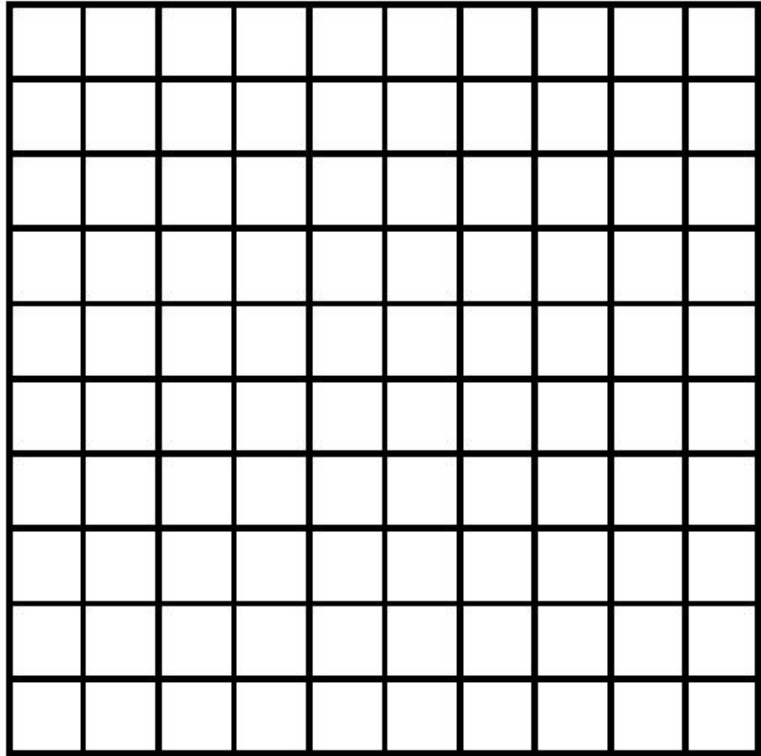Put a dot into 42% of the squares to show the people supporting Brazil.

37% are supporting USA. Show these people with the letter U in a square.

☐ % are not supporting GB, Brazil or USA.

Independent learning

KEY

There are 100 pieces of fruit on a fruit stall.

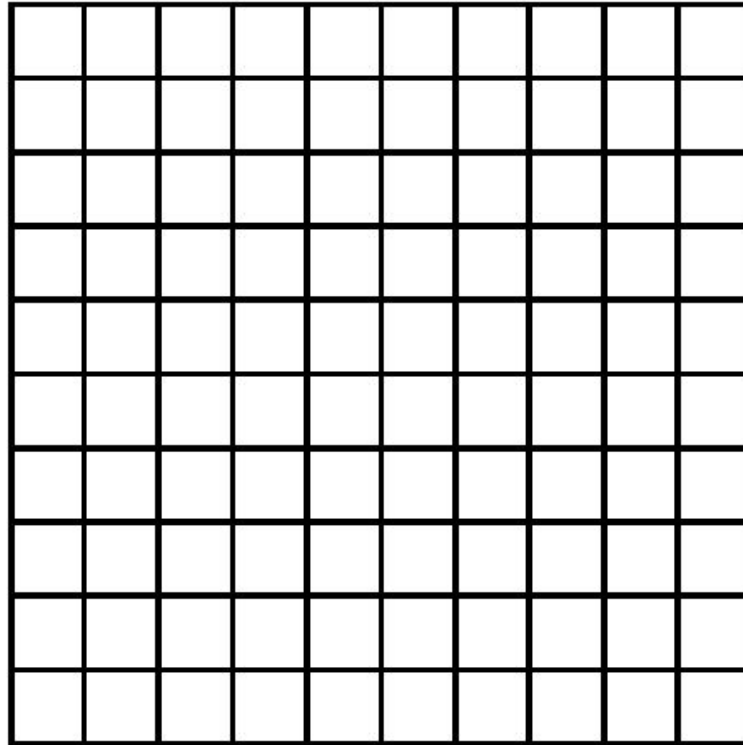45% of them are apples.

35% of them are bananas.

10% of them are oranges.

You choose and describe the remaining fruit:

Independent learning

KEY

☐

☐

☐

☐

There are 100 drinks in a fridge at the shop.

15% of them are bottles of water.

12% of them are bottles of milkshake.

10% of them are bottles of orange juice.

You choose and describe the remaining drinks: