

# Multiplication and division facts

## Day 1 Sheet 1

Complete the multiplication grid:

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16		20	22	24
3		9	12	15		21	24	27	30	33	36
4	8			20	24	28	32	36	40	44	48
5	10	15		25	30	35	40	45	50	55	
6	12	18	24	30	36	42	48	54	60		
7	14	21	28	35	42	49		63	70	77	
8	16	24	32	40		56			80	88	96
9	18			45	54	63	72	81		99	108
10	20	30	40	50	60	70	80	90	100		120
11	22	33		55	66	77	88		110		132
12	24		48	60	72	84	96	108	120		

### Challenge

Use the grid to complete these division facts:

$$\square \div 5 = 8$$

$$42 \div \square = 7$$

$$11 = \square \div 12$$

$$36 \div \square = 4$$

$$9 = \square \div 12$$

$$110 \div 11 = \square$$

# Multiplication and division facts

## Day 1 Sheet 2

Complete the multiplication grid:

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16				
3				15					30	33	
4	8			20					40		
5	10	15		25	30	35	40	45	50	55	
6								54			
7				35					70		
8	16										
9											
10	20	30	40	50	60	70	80	90			
11											
12	24										

### Challenge

Use the grid to complete these division facts:

$$\square \div 5 = 8$$

$$42 \div \square = 7$$

$$11 = \square \div 12$$

$$36 \div \square = 4$$

$$9 = \square \div 12$$

$$110 \div 11 = \square$$

# Matching factors

## Day 2 Sheet 1

Match each number to its factors.

Add the number itself to the list of factors,

e.g. 15 has 15 as a factor, so 15 must be added to 1, 3 and 5.

### Section A

15	3, 7, 1
6	2, 3, 1
21	3, 1, 5
10	2, 4, 3, 6, 12, 8, 1
12	1, 5, 2
24	2, 3, 4, 1, 6

### Section B

22	2, 1, 6, 9, 3
31	3, 1
9	2, 11, 1
36	5, 1, 2, 3, 15, 6, 10
18	1
30	1, 4, 2, 18, 9, 3, 6, 12

### Section C

34	1, 4, 2
4	2, 17, 1
16	3, 2, 4, 8, 12, 6, 16, 1, 24
39	4, 2, 1, 5, 10, 8, 20
48	3, 1, 13
40	8, 4, 1, 2

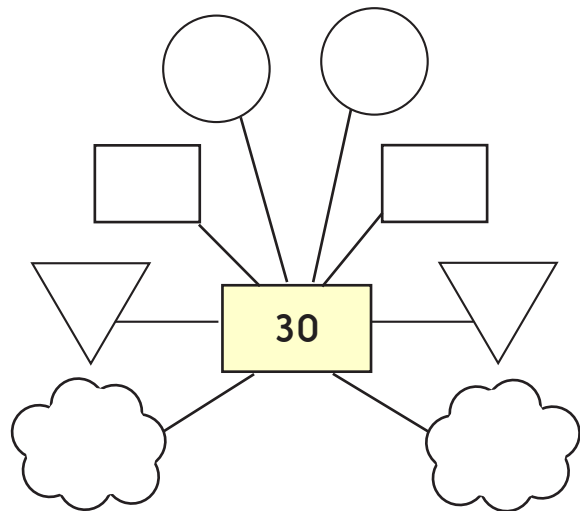
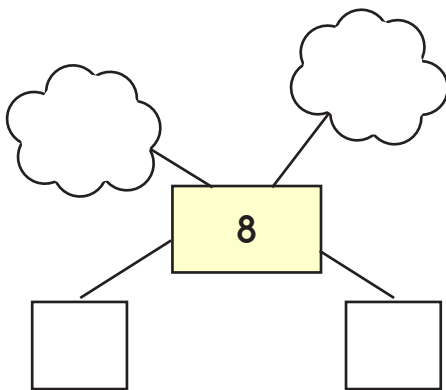
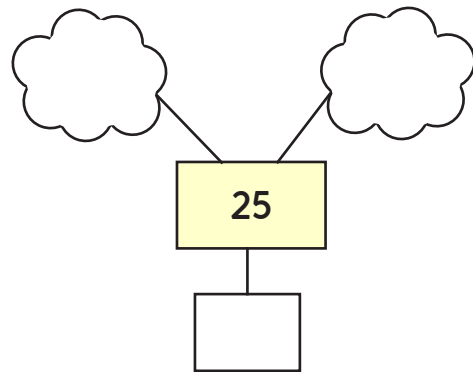
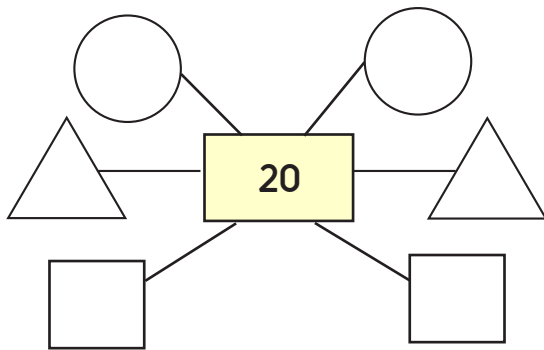
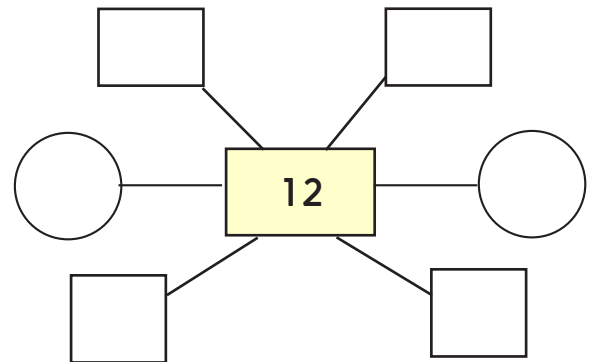
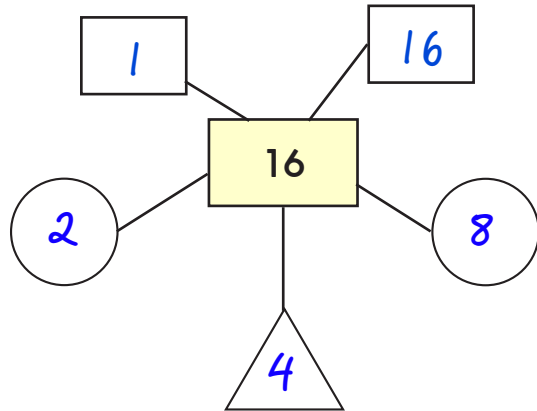
#### Challenge

Which has more factors: 99 or 100 or 101? Guess then test!

# Finding factors

## Day 3 Sheet 1

Write the factors of each number.  
The first one is done for you.



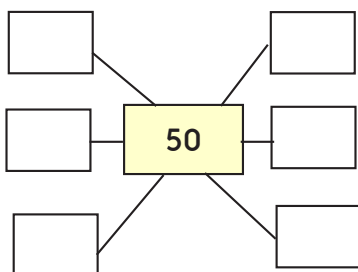
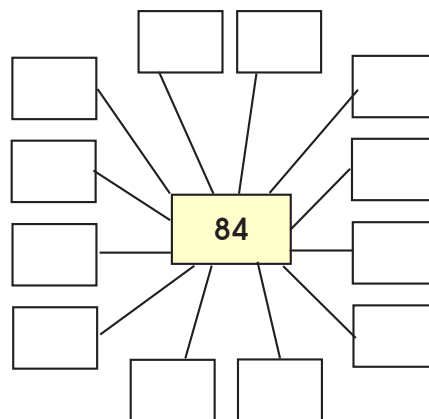
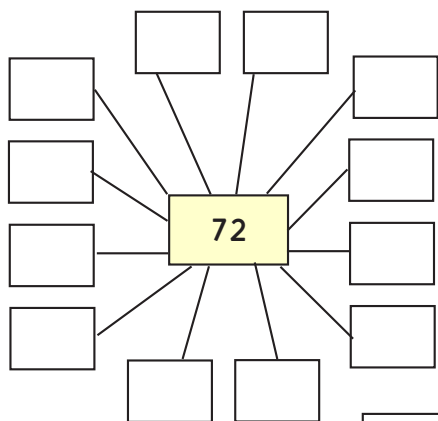
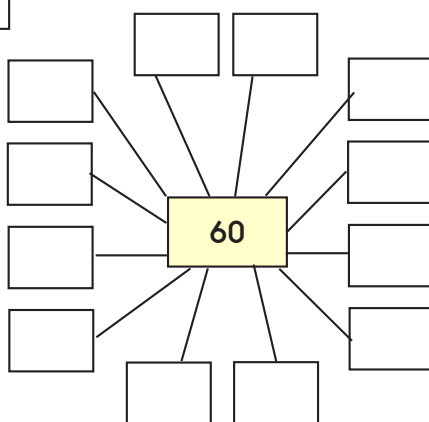
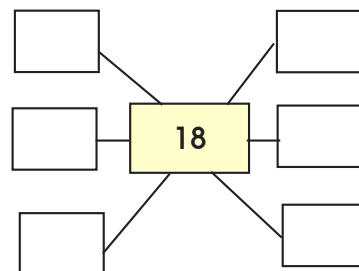
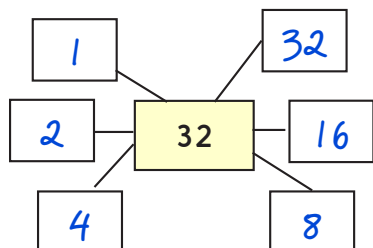
### Challenge

Draw your own diagram for the factors of 24 and 29. Predict which will have more factors?

# Finding factors

## Day 3 Sheet 2

Write the factors of each number.  
Work through them systematically.  
The first one is done for you.



### Challenge

Draw your own boxes for the factors of 35 and 42.