

# STEP 1: PROPERTIES

Write a fact family for:

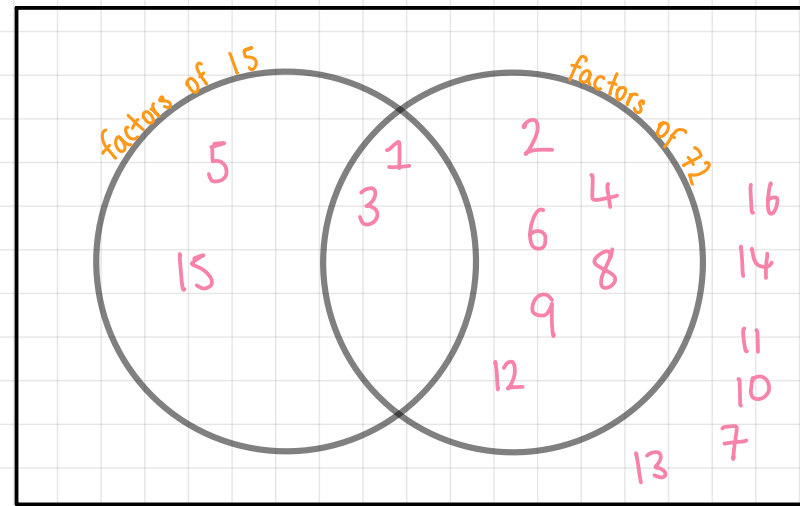
54					
9	9	9	9	9	9

$9 \times 6 = 54$   
 $6 \times 9 = 54$   
 $54 \div 9 = 6$   
 $54 \div 6 = 9$

$3 \times 4 = 12$  &  $4 \times 3 = 12$  because  
 multiplication is associative

# STEP 2: FACTORS

Add these numbers to the Venn:



- 1 9
- 2 10
- 3 11
- 4 12
- 5 13
- 6 14
- 7 15
- 8 16

# STEP 3: MULTIPLES

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 all the multiples of 9

Circle any multiples of 12.

What are the common multiples of 9 & 12?

36, 72

# STEP 4: MULTIPLY & DIVIDE BY POWERS OF 10

Put these calculations in ascending order.

$100 \times 7 \cdot 3$        $10^2 \times 3.7$        $370 \div 10$   
730      370      37  
 $6.2 \times 10^3$        $720 \div 10^2$   
6200      7.2

$720 \div 10^2$        $370 \div 10$

$100 \times 7 \cdot 3$        $6.2 \times 10^3$

$10^2 \times 3.7$