

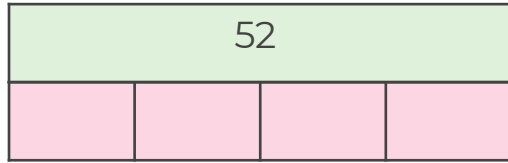
Multiples and Factor Pairs



Multiples and Factor Pairs

1. List the first 5 multiples of 6

2. Complete this bar model to show that 13 is a multiple of 52



3. a) What is the twelfth multiple of 5?

b) What is the fifth multiple of 12?

4.

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

Circle the multiples of 13.

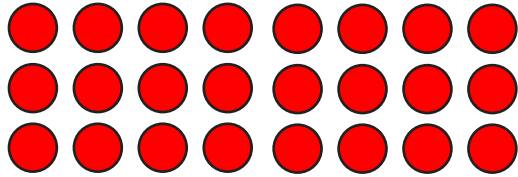
Highlight the multiples of 15.

Are any of the multiples common?



Multiples and Factor Pairs

5. This array show that 3 and 8 are factors of 24



List all the factors of 24

6. List the factors of 3 and 7

What do you notice?

7. Complete these tables of factor pairs

12	15		
1 + 12	1 +	1 +	1 +
2 +	3 +	2 + 9	2 +
3 +		+	3 +
			4 + 6

8. Work out the missing numbers.

1, , 3, 4, 5, , 10, 12, 15, , 30,



Answers

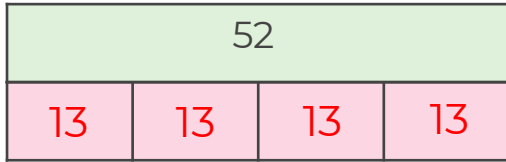


Multiples and Factor Pairs

1. List the first 5 multiples of 6

6, 12, 18, 24, 30

2. Complete this bar model to show that 13 is a factor of 52



3. a) What is the twelfth multiple of 5?

60

b) What is the fifth multiple of 12?

60

4.

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

Circle the multiples of 13.

Highlight the multiples of 15.

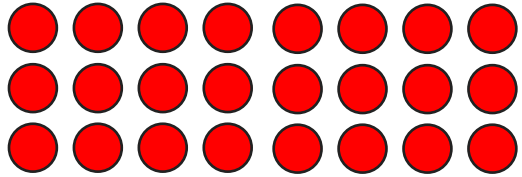
Are any of the multiples common?

No



Multiples and Factor Pairs

5. This array shows that 3 and 8 are factors of 24



List all the factors of 24 **1, 2, 3, 4, 6, 8, 12, 24**

6. List the factors of 3 and 7

3 – 1, 3

7 – 1, 7

What do you notice?

They each only have two factors.

7. Complete these tables of factor pairs

12	15	18	24
1 + 12	1 + 15	1 + 18	1 + 24
2 + 6	3 + 5	2 + 9	2 + 12
3 + 4		3 + 6	3 + 8
			4 + 6

8. Work out the missing numbers.

1, **2**, 3, 4, 5, **6**, 10, 12, 15, **20**, 30, **60**

