

COMMON MULTIPLES



GET READY



1) Complete the sequence:

7, 14, ____, ____, 35, 42, ____

2) Complete the sequence:

____, 12, ____, 24, 30, ____

3) Complete the sequence:

____, 9, 18, ____, 36, ____

4) Complete the sequence:

4, ____, 12, ____, 16, ____

1) Complete the sequence:

7, 14, 21, 28, 35, 42, 49

2) Complete the sequence:

6, 12, 18, 24, 30, 36

3) Complete the sequence:

0, 9, 18, 27, 36, 45

4) Complete the sequence:

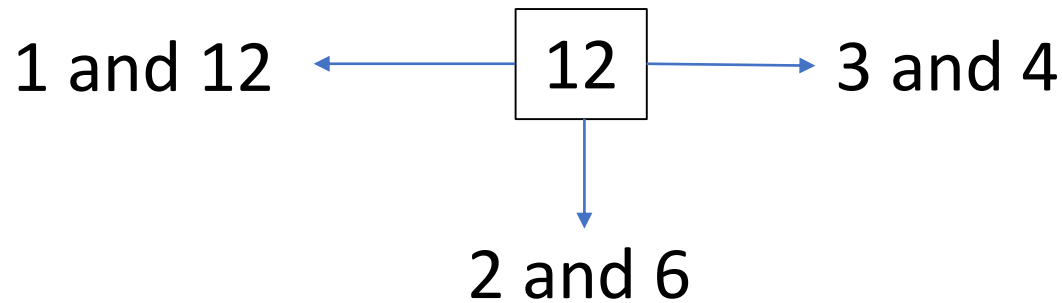
4, 8, 12, 16, 20, 24

LET'S LEARN



Multiples and factors

Factors of 12



12 is a multiple of 1, 2, 3, 4, 6, 12

Find all the multiples of 5 on the number square

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

Find all the multiples of 6 on the number square

30
60
90
120

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

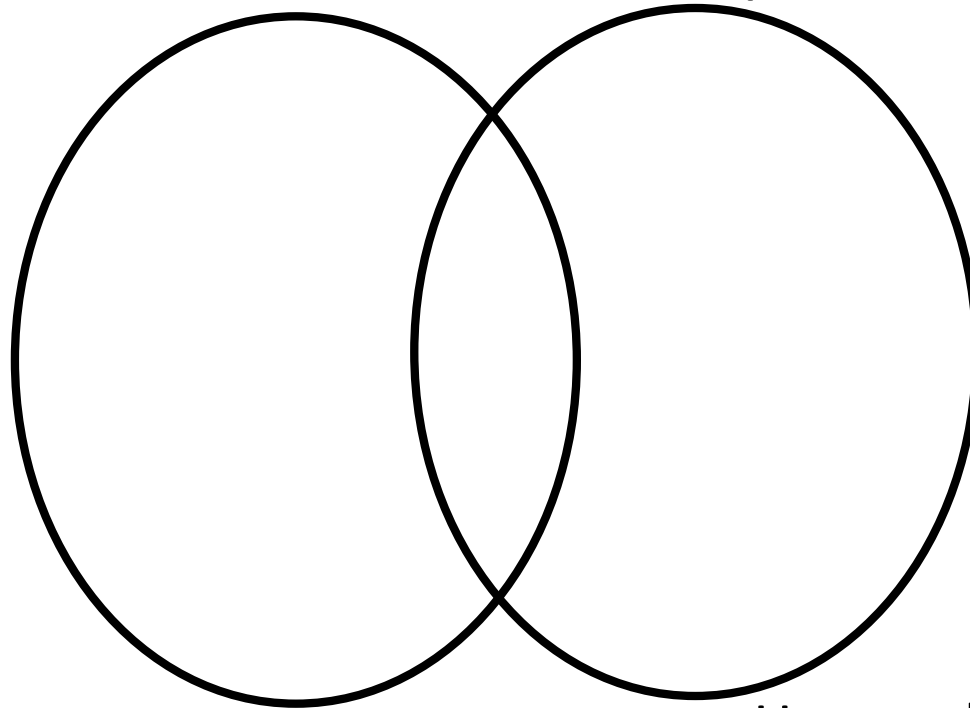
Find all the common multiples of 5 and 6

Complete the sorting diagram

12 35 28 70 56 20

Multiples of 4

Multiples of 7



Have a think

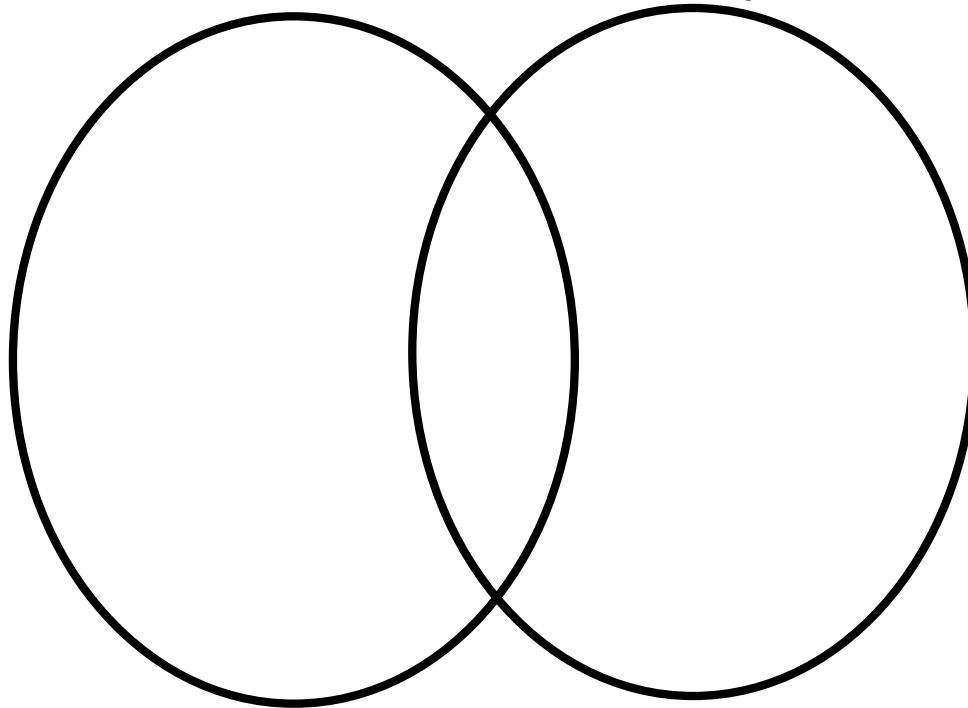


Complete the sorting diagram

12 35 28 70 56 20

Multiples of 4

Multiples of 7

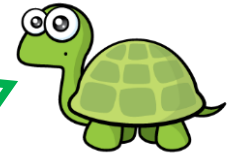


YOUR TURN

Have a go at questions
1 - 3 on the worksheet



To find the common multiples of 6 and 8 I do
 $6 \times 8 = 48$ and then add on 48 each time.
 48, 96, 144, 192...



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

Multiples of 6:

6, 12, 18, 24, 36, 42, 48

Multiples of 8:

8, 16, 24, 30, 40, 48

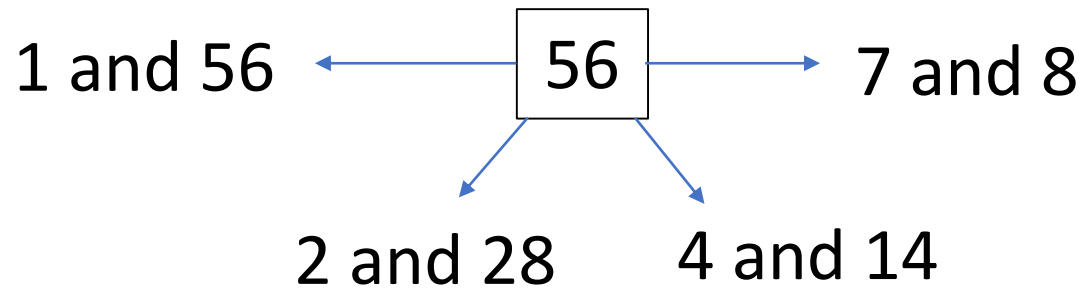
72

Have a think





Annie's mum is 56 years old
56 is a multiple of Annie's age
Annie goes to school
How old could Annie be?



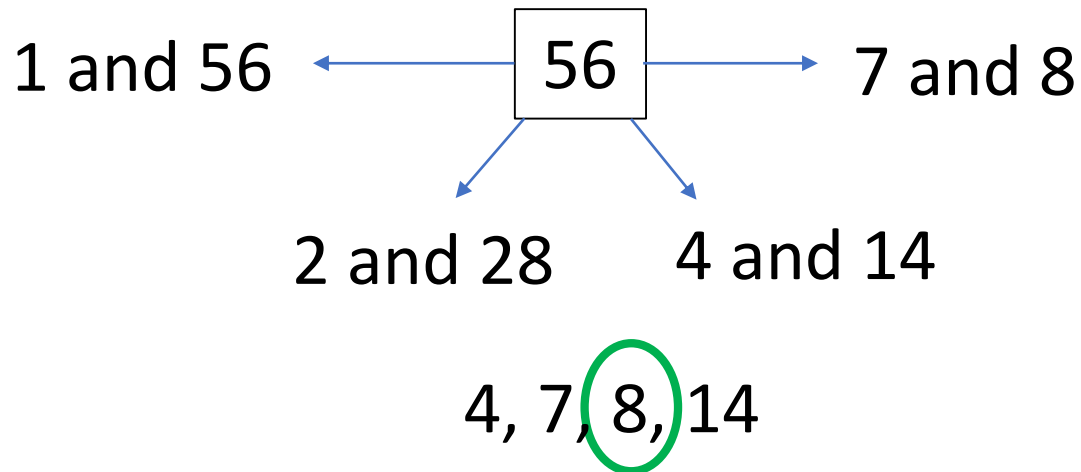
1, 2, 4, 7, 8, 14, 28, 56

4, 7, 8, 14

Annie's age is also 1 away from a multiple of 7
How old is Annie?



Annie's mum is 56 years old
 56 is a multiple of Annie's age
 Annie goes to school
 How old could Annie be?



Annie's age is 1 away from a multiple of 7

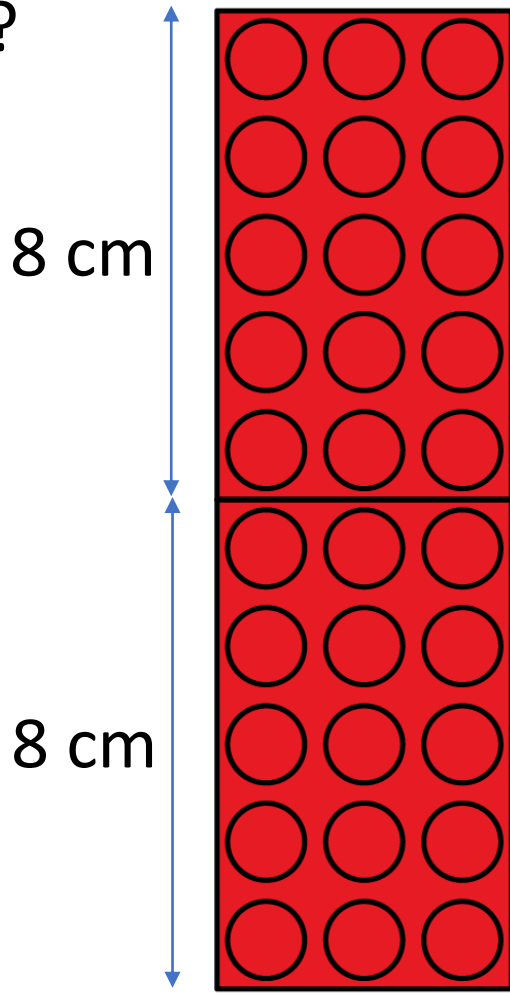
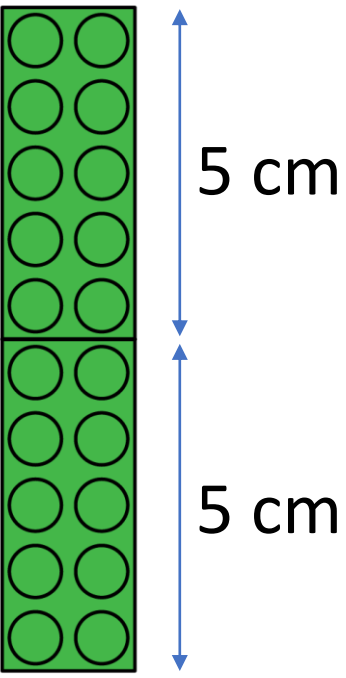
Multiples of 7: 7, 14, 21, 28, 35, 42, 49, 56

Have a think



Dora is making two towers using lego.
She makes her two towers exactly the same height.
How tall could the towers be?

Have a think 



Dora is making two towers using lego.
She makes her two towers exactly the same height.
How tall could the towers be?

Multiples of 5:

5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60

Multiples of 8:

8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96

40 cm tall

80 cm tall

YOUR TURN

Have a go at the rest of
the worksheet

