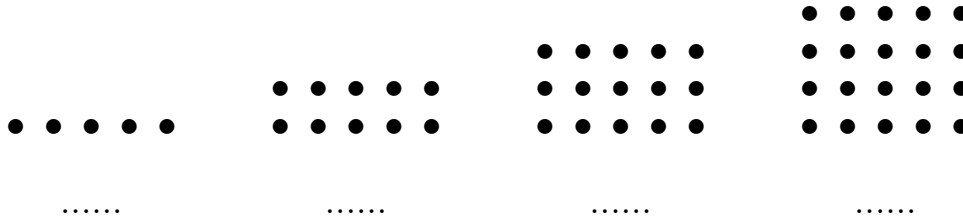
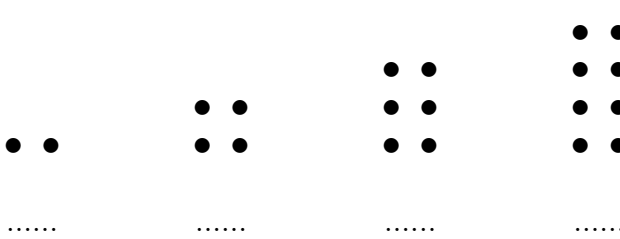


1. Write down these multiples of 5



2. Here are some pictures of multiples and a multiplication square.

(i) Write down the multiples below the pictures



×	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

(ii) Find and colour in the multiples in **one** row of the multiplication square.

(iii) These numbers are all multiples of

(iv) The next multiple is

3. (i) The multiples in the table below are multiples of

1st multiple	2nd multiple	3rd multiple	4th multiple	5th multiple	6th multiple
5	10	15	20	25	

(ii) Write these multiples in the correct places in the multiplication table below.

×	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
					30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

(iii) Write down the 6th multiple in the table above

(iv) The 8th multiple is

4. You may use the multiplication table to help you answer this question.

×	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

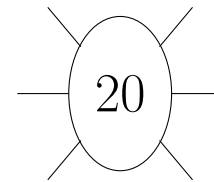
(i) complete all the factor pairs of 20

$$1 \times 20 = 20$$

$$\dots \times \dots = 20$$

$$\dots \times \dots = 20$$

(ii) complete the factor bug of 20



5. You may use the multiplication table to help you answer this question.

×	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

(i) complete all the factor pairs of 24

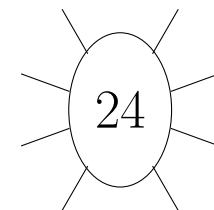
$$\dots \times \dots = 24$$

$$\dots \times \dots = 24$$

$$\dots \times \dots = 24$$

$$\dots \times \dots = 24$$

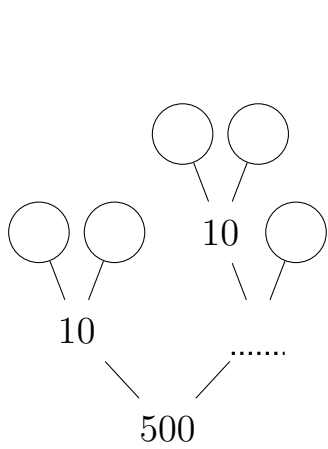
(ii) complete the factor bug of 24



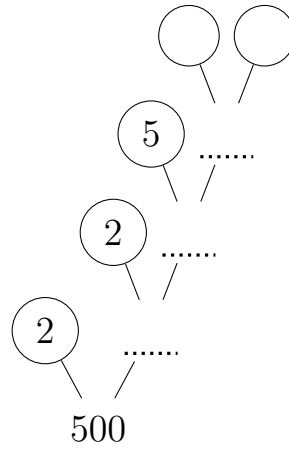
6. Write down a factor pair of 10

..... and

7. Jarvis uses an “easy first” strategy to draw his prime factor trees.
 Kai uses a “smallest prime first” strategy to draw his prime factor trees.
 Both boys have drawn incomplete prime factor trees.



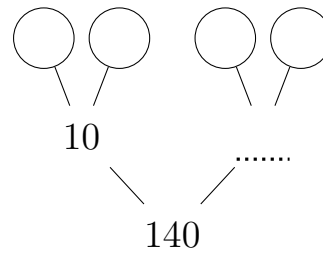
Jarvis's prime factor tree



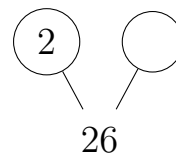
Kai's prime factor tree

Complete **either** Jarvis's **or** Kai's prime factor tree.

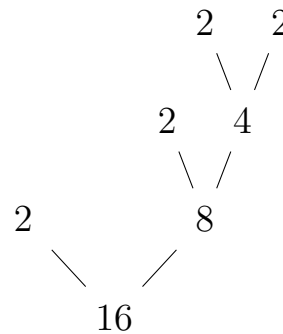
8. (a) Complete this prime factor tree.



- (b) Complete this prime factor tree.

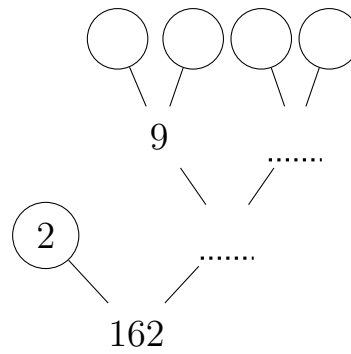


9. Here is a prime factor tree.
 (i) Circle the leaves (prime factors)



- (ii) Write 16 as a product of its prime factors

10. (i) Complete this prime factor tree.



(ii) Write 162 as a product of its prime factors.