


## Dividing by 5





### Discover



- 1 a) 

There are 20 .

Each flower needs 5 .

How many flowers can you make with 20 .

b)

I worked it out using  $4 \times 5 = 20$   
from the 5 times-table.



Explain how Flo used that number fact to solve the problem and complete the number sentence.

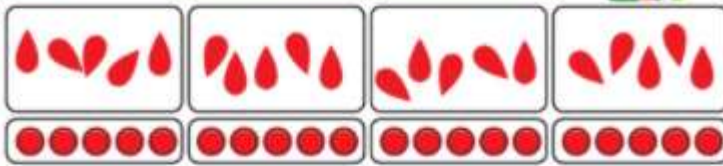
$$20 \div 5 = \square$$

## Share

I used a drawing to help me.

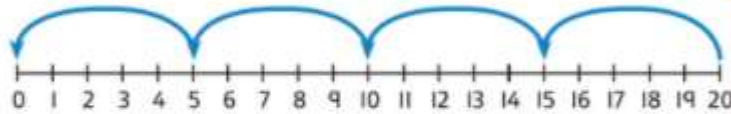


a)



I used the 5 times-table to help me.  $4 \times 5 = 20$ .

Keep subtracting 5 from 20. You can subtract 4 times.



You can make 4 flowers with 20 .

b)

There are 20 . Every 5  is one group.

$1 \times 5 = 5$   
 $2 \times 5 = 10$   
 $3 \times 5 = 15$   
 $4 \times 5 = 20$   
 $5 \times 5 = 25$   
 $6 \times 5 = 30$   
 $7 \times 5 = 35$   
 $8 \times 5 = 40$   
 $9 \times 5 = 45$



The drawing reminds me that 4 groups of 5 is 20,  $4 \times 5 = 20$ .


So  $20 \div 5 = 4$ .

## Think together



I wonder if I could use the 5 times-table to help.


1 Every 5  make one flower.



How many flowers can you make with 25  ?

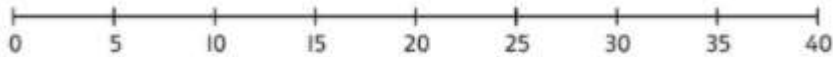


$$5 \times 5 = 25$$

$$\text{So } 25 \div 5 = \square.$$

2 How many flowers can you make with 30  ?

What if there were 35  or 40  ?



$$6 \times 5 = \square \text{ so } 30 \div 5 = \square.$$

$$\square \times 5 = 35 \text{ so } 35 \div 5 = \square.$$

$$\square \times \square = \square \text{ so } 40 \div 5 = \square.$$

3 Every 5 can make one flower.

On a 100 square, colour the numbers that can make flowers or use counters to mark them.

Did you find a pattern?

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



I saw a pattern going down.