

42
forty-two
4 tens and 2 ones

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

42 is less than 52
 $42 < 52$

52 is more than 42
 $52 > 42$

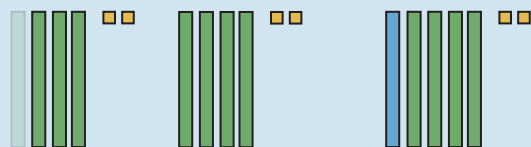
number
digit
ones
tens
regroup
exchange

Stop and look.
What do you notice?



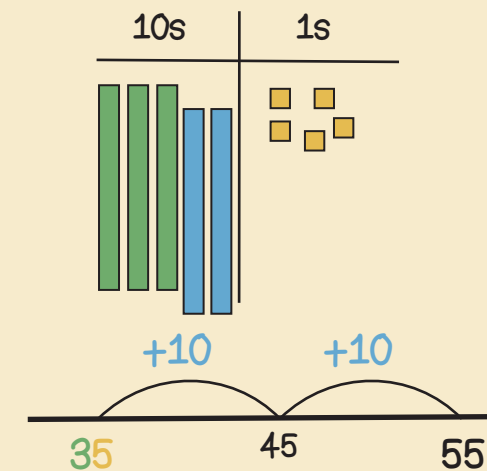
$$\begin{aligned} 42 &= 40 + 2 \\ 42 &= 30 + 12 \\ 42 &= 20 + 22 \\ 42 &= 10 + 32 \end{aligned}$$

10 less than 42 is 32 10 more than 42 is 52



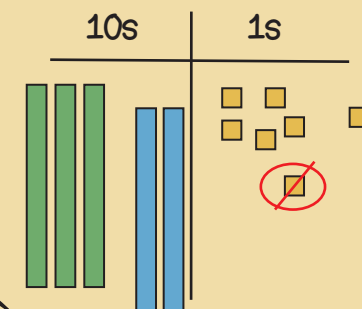
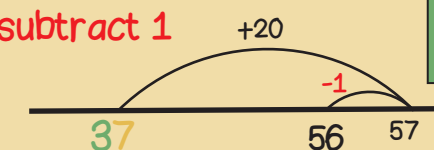
$35 + 20$
Add multiples of ten

If I know $3 + 2$
then I also know...



$37 + 19$
Round then adjust

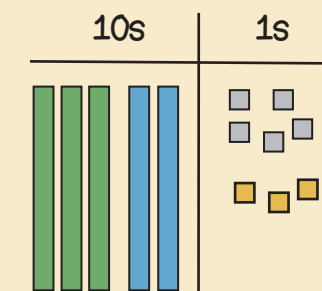
Add 20 then subtract 1



$35 + 23$
Partition and recombine

$$\begin{aligned} 35 + 23 &= (30 + 5) + (20 + 3) \\ &= (30 + 20) + (5 + 3) \\ &= 50 + 8 = 58 \end{aligned}$$

addend
sum
plus
total
regroup

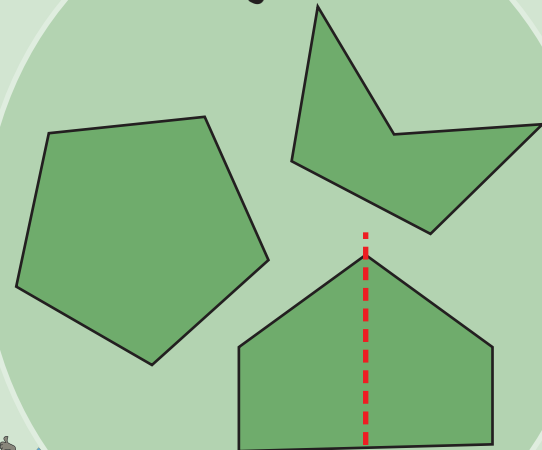


$35 + 23 = 23 + 35$
Addition is commutative

Year 2 Term 1

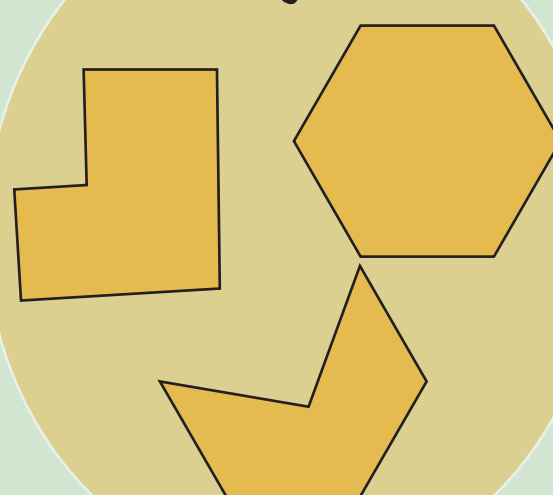


Pentagons are shapes with
5 straight sides

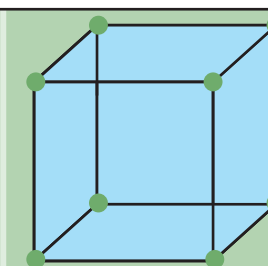
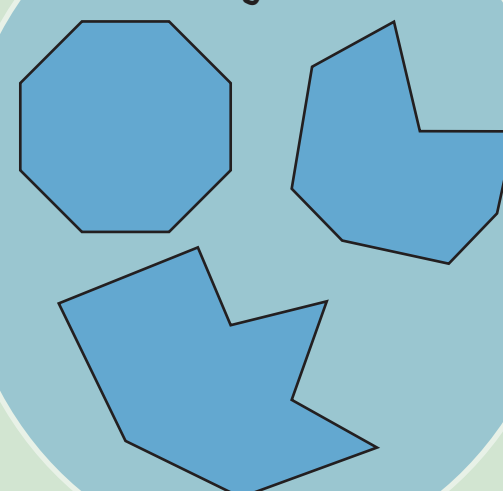


a line of
symmetry

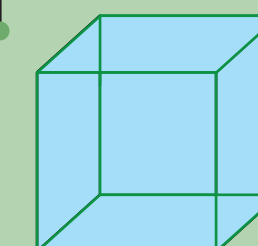
Hexagons are shapes with
6 straight sides



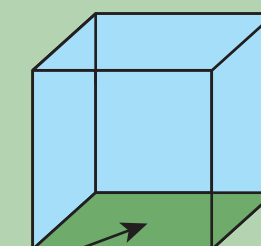
Octagons are shapes with
8 straight sides



A vertex is the corner of a 3D shape.
This cube has 8 vertices.



An edge joins 2 vertices.
This cube has 12 edges.



The flat surface is a face.
This cube has 6 faces.

vertex
edge
face
pentagon
hexagon
octagon