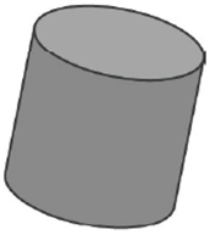
01.07.21

LO: To add mentally

Starter:

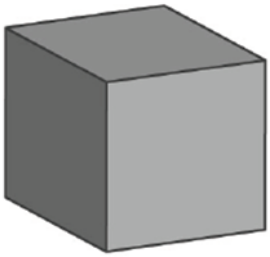
Name these shapes and tick the properties that are true:



Properties

- [x] Has one curved surface
- [ ] Has three edges
- [ ] Has two vertices
- [x] All edges are the same length

Name of shape Cylinder



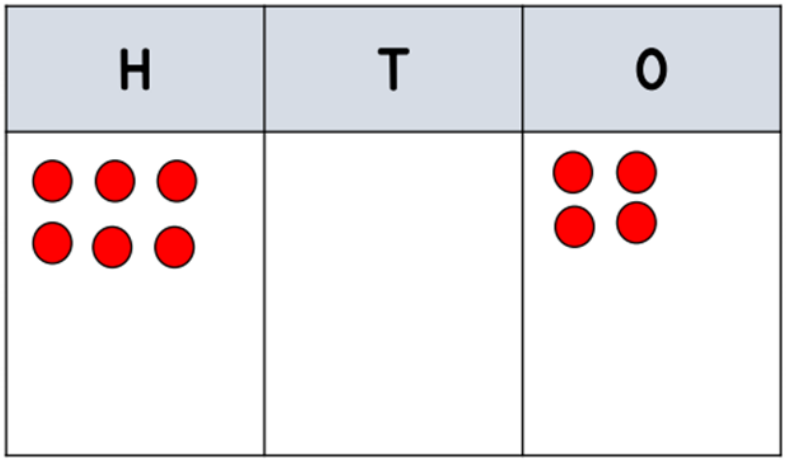
Properties

- [x] Has four faces
- [x] Has twelve edges
- [ ] Has nine vertices
- [x] All edges are the same length

Name of shape Cube

True or False:

The model shows 562 + 42



Practice counting in 10s to 1000

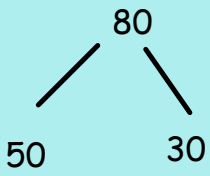
10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

What do you notice?

What happens when you add 10 more to 390?

50 + 80 =

How can we make this addition easier?



50 + 50 = 100 + 30 = 130

On you whiteboard:

Which one of these sums makes a total of 100

A. 60 + 30
B. 10 + 70
C. 50 + 50
D. 60 + 80

Silent teacher:

Tens

165 + 70 =

165 + 70

165 + 40 + 30

165 + 40 = 205 + 30 = 235

I DO	WE DO	YOU DO
165 + 70 = Partition 70 into 40 + 30 165 + 40 = 205 205 + 30 = 235	Why do I not need to look at the ones column in 165? Why did I partition 70 into 40 and 30? Why did I add 165 and 40 first?	398 + 50 = Sentence stem: To add 398 to 50, I first.....

1. You don't look at the ones column because...

YOU DO

342 + 70 =

342 + 80 =

342 + 90 =

342 + ___ = 442

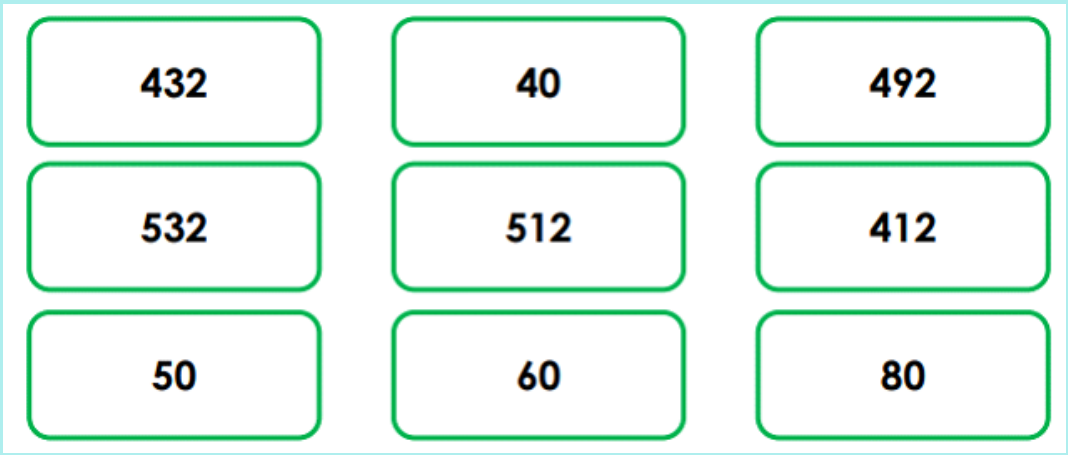
265 + 50 =

255 + 50 =

275 + 50 =

275 + 60 =

Challenge:



How many ways in you make 452 using these cards?