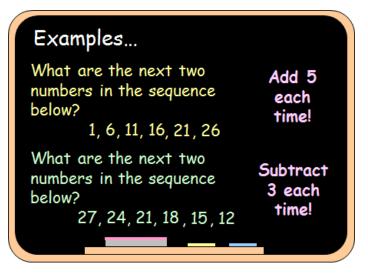
# Completing sequences and writing rules for number patterns



## Outcome 1 - Completing sequences

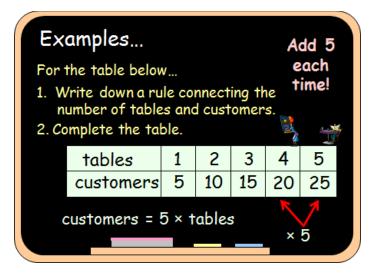


#### Questions...

Write down the next two numbers in the following sequences...

10, 13, 16,	<b>4</b> 8, 15, 22, 29,	
<b>≩</b> 5,13,21,29,	<b>4</b> 11, 17, 23, 29,	
🚑 6, 16, 26, 36,	<b>§</b> 9, 13, 17, 21,	
<b>"</b> 17, 15, 13, 11,	<b>8</b> 36, 31, 26, 21,	
<b>욇</b> 84,75,66,57,	<b>10</b> 91, 80, 69, 58, .	

Outcome 2 - Writing rules for number patterns



### Questions...

For the following tables...

1. Write down a rule 2. Complete the table

1	pizzas	1	2	ω	4	5
	slices ≽	8	16	24	?	?
2	violins 🧃	1	2	3	4	5
	strings	4	8	12	?	?
3	burgers	1	2	3	4	5
	cost 😑	2	4	6	?	?
4	teams ●	1	2	3	4	5
	players	15	30	45	?	?

#### Outcome 1 Answers

1.	19,22	2.	36,43
3.	37,45	4.	35,41
5.	46,56	6.	25,29
7.	9,7	8.	16,11
<b>9</b> .	48,39	10.	47,36

#### Outcome 2 Answers

1.	slices = 8 × pizzas	32,40
2.	strings = 4 × violins	16,20
3.	cost = 2 × burgers	8,10
4.	players = 15 × teams	60,75