Number Talk Y5/6

Class Count

What comes next?

What's the mistake?

Day 1: Class Counting – How many?

Count on from 236		Count back from 1579325	
10		10	
100		100	
1000		1000	
10000		10000	
100000		100000	
1000000		1000000	

Day 1:What comes next?

100 more than 206 is…

1000 more than 3360 is….

10 000 more than 54366 is…

100 000 more than 20466 is

Day 1: What's the mistake?

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1000 more than 5076 is 5076000

10 000 less than 50700 is 40000

- 10 000 more than 50760 is 51760

- 10 000 less than 56789 is 55789

Day 2 : Class Counting – How many?

-1000000	- 100000	- 10000	- 1000	- 100	- 10	Number	+10	+100	+1000	+10000	+100000	+1000000
						4689127						

Day 2:What comes next?

500 more than 206 is…

5000 more than 3360 is….

50 000 more than 54366 is…

500 000 more than 20466 is

Day 2: What's the mistake?

5000 more than 5076 is 5076000

50 000 less than 600700 is 650700

- 50 000 more than 350760 is 355760
- 500 000 less than 356789 is 351789

Day 3 : Class Counting – How many?

-1000000	- 100000	- 10000	- 1000	- 100	- 10	Number	+10	+100	+1000	+10000	+1000000	+1000000
						4689127						

Day 3:What comes next?

500 more than 206 is…

5000 more than 3360 is….

50 000 more than 54366 is…

500 000 more than 20466 is

Day 3: What's the mistake?

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5000 more than 5076 is 5076000

50 000 less than 600700 is 650700

- 50 000 more than 350760 is 355760
- 500 000 less than 356789 is 351789

Day 4: Class Counting

Fill in the missing numbers:

0.001			0.004	0.005		0.007	
	2/1000	3/1000			6/1000		8/1000

Day 4: What comes next?

1/100 of 100 = 1
1/1000 of 100 = 0.1
2/100 of 100 = 2
2/1000 of 100 = 0.2

How can you use this to work out:
6/100 of 200
6/1000 of 200?

How would you work out:

8/100 of 200
8/1000 of 200

5/100 of 300
5/1000 of 300

Day 4: What's the mistake?

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If 1/10 = 0.1 and
1/100 = 0.01

Then 1/1000 = 0.11

If 1/10 = 0.1 and
1/100 = 0.01

Then 5/200 = 5/10 + 5/100

Day 5: Class Counting

2.7; 2.5; 2.3; 2.1;

4.33; 4.35; 4.37;

8.891; 8.841; 8.791; 8.741;

Day 5: What's comes next?

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Continue these sequences:

0.124......0.126.......0.128.......0.130......... [ ] ....[ ]

1.456...... 1.556......1.656........1.756........ [ ] ....[ ]

What is the difference each time for each sequence?

Day 5: What's the mistake?

0.640, 0.610, 0.590,

1.2750, 1.2710, 1.2680,

Day 6: Class Counting – How many?

Start with 60500 and count back in 10 000s to 500

Start with 234812 and count on in 10 000s to 300000

Start with 1,234,567 and count on in 1,000000s to 10, 234567

Day 6: What comes next?

- 56,910 – 10,000
- 56,910 – 20, 000
- 56,910 – 30,000

8,482,912 – 2,000,000

8,482,912 – 3,000,000

8,482,912 – 4,000,000

Day 6: What's the mistake?

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177,000, 187,000, 197,000, 217,000

What is wrong with this sequence of numbers?

238,000, 228,000, 218,000, 208,000, 188,000

What is wrong with this sequence of numbers?

Day 7: Class Counting – How many?

Start with 345678 and count back in 10 000s to 245678

Start with 550 000 and count on in 50 000s to 0

Start with 6,250,000 and count on in 250 000s to 0

Day 7: What comes next?

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150 + 850

250 + 750

350 + 650

450 + 550

1250 + 8750

1275 + 8725

1300 + 8700

1325 + 8675

Day 7: What's the mistake?

150 + 850 = 1100   1325 + 8675= 9990

Day 8: Class Counting – How many?

Start with 220 and count on in 150s to 1210

Start with 410 and count back in 25's to 10

Start with 5001 and count on in 75s to 4251

Day 8: What comes next?

1250 – 250

1200 – 300

1150 – 350

1100 - 400

120000 - 10000

115000 - 15000

110000 – 20000

105000 - 25000

Day 8: What's the mistake?

2000 – 700 = 130   110000 – 20000 = 9000

Day 9: Class Counting – How many?

Start with - 20 and count on in 10s to 40

Start with 10 and count back in 5's to - 25

Start with - 2 and count on in 3s to 13

Day 9: What comes next?

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5 less than 10 is **5**

5 less than 7 is _____

5 less than 4 is _____

5 less than 1 is _____

The difference between **-2** and **5** is **7**

The difference between **-2** and **4** is ____

The difference between **-3** and **4** is ____

The difference between **-3** and ____ is **9**

Day 9: What's the mistake?

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-19	-14	-9	-4	0	+4	+9

17	13	9	5	1	-3	-7

18	8	0	-2	-12	-22	-32

125	90	55	30	-5	-40	-75

Day 10: Class Counting – How many?

Start with - 50 and count on in 10s to 60

Start with 30 and count back in 5's to - 25

Start with - 7 and count on in 3s to 8

Day 10: What comes next?

5 less than 22 is **17**

5 less than 12 is _____

5 less than 2 is _____

5 less than -8 is _____

The difference between **-5** and **3** is **8**

The difference between **-** ___ and **3** is **6**

The difference between **-** ___ and **3** is ___

Day 10: What's the mistake?

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16 less than 30 is 24

The difference between -13 and 16 is 3

Day 11: Class Counting – How many?

Row 1: -2 ... 3 ... -2 6

Row 2: -7 ... -2 ... 0

Row 3: -4 ... 0 ... 3

Day 11:What comes next?

678 rounded to the nearest _____ is 680

678 rounded to the nearest 100 is _____

295 rounded to the nearest 10 is _____

295 rounded to the nearest 100 is _____

Day 11: What's the mistake?

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245 rounded to the nearest to is 500

2456 rounded to the nearest 100 is 2450