Calendar Grid
Key Questions

What do you notice about the sequence of leaves so far this month?

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Calendar Grid
Key Questions

What makes you think it's a pattern? Is there anything that repeats or anything that helps you make a prediction?

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Calendar Grid
Key Questions

What do you notice about the leaves that are colored in? What about the leaves that are upside-down?

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Calendar Grid
Key Questions

What do you notice about the black and white leaves?

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Calendar Grid
Key Questions

Will there ever be a marker with a leaf that is both black and white and upside-down?

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Calendar Grid
Key Questions

Which marker would that be? Will there be more than one such marker in the sequence this month? Which one(s)? How do you know?

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Calendar Collector
Key Questions

Each time the minute hand moves forward by one number, how many minutes have passed?

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Calendar Collector
Key Questions

How many minutes do we get to add to our collection each day for the first 12 days of class this month?

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Calendar Collector
Key Questions

How many minutes are there in [*2, 3, 4, 5*] groups of 5?

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Calendar Collector
Key Questions

If the minute hand moves ahead by [*2, 3, 4, 5*] numbers, how many minutes have passed?

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Calendar Collector
Key Questions

What is our current total? How many minutes will we have collected after today? How might you figure that out?

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Daily Rectangle
Key Questions

Can you find out how many tiles are in this array without counting them by 1s?

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Calendar Collector
Key Questions

How much time do you think we will collect this month? Is there any way to know for sure? Why or why not?

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Daily Rectangle
Key Questions

How many tiles are in each row of this array? How many tiles are in each column?

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Daily Rectangle
Key Questions

Can you push together [*4, 5, 6, 7, 8, and so on*] tiles to form a rectangle without any gaps or holes?

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Daily Rectangle
Key Questions

How many different ways can we express this array as the sum of equal addends?

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Daily Rectangle
Key Questions

Can you form more than one rectangle with [*4, 5, 6, 7, 8, and so on*] tiles?

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Computational Fluency
Key Questions

If one addend is [*8, 3, 6, 9, 4, 5, and so on*] and you need 10 in all, what is the other addend?

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Daily Rectangle
Key Questions

Can the number of tiles for today be pushed together to form a rectangle with 2 equal rows? How do you know?

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Computational Fluency
Key Questions

What is the difference between 10 and 3? How can you write an equation to represent the difference?

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Computational Fluency
Key Questions

4 + 6 = 10. What is the other way to write this as an addition equation?

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Number Line
Key Questions

What number(s) comes between [*two given multiples of 10*]? How do you know?

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Computational Fluency
Key Questions

8 + 2 = 10 and 10 – 2 = 8. How are these two equations related to one another?

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Number Line
Key Questions

When our Classroom Number Line shows [*150, 200, 230, etc.*], how many days have we been in school? How do you know?

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Computational Fluency
Key Questions

10 – 3 = 7 and 10 – 7 = 3. How are these two equations the same? How are they different?

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Number Line
Key Questions

What number will we write on our Classroom Number Line in three days? How do you know?

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Number Line
Key Questions

What number comes next [*any given multiple of 10 from 10–400*] when you're counting by 10s? How do you know?

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Number Line
Key Questions

What number is [*10, 20, 30, 40, 50*] [*less than or more than*] [*160, 220, 270, 300, 310, 390 and so on*]? What number is 100 [*less than or more than*] [*110, 150, 240, 290, 350, and so on*]?

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Number Line
Key Questions

What number comes before [*any given multiple of 10 from 10–400*] when you're counting by 10s?

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Number Line
Key Questions

If my secret number is a multiple of 10 that is greater than 150 and less than 190, what might it be? How many more clues will you need to be certain of my secret number?

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