Island Numeracy Assessment
Computational Fluency
Collaborative Task

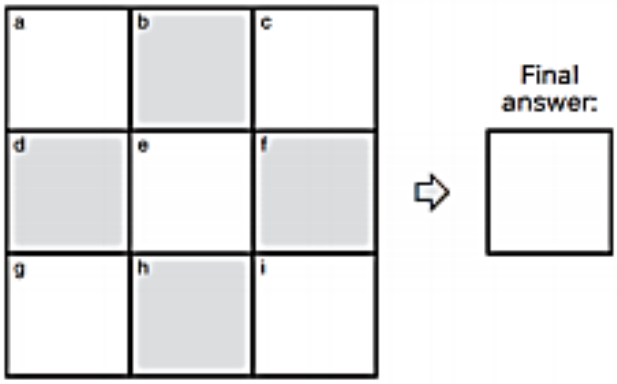
Kakooma Integers

*Credit to gregtangmath.com/games

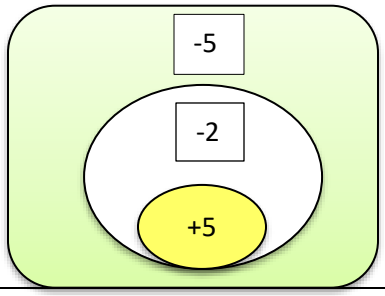
In each of the 9-number squares, find the number that is the sum of 2 other numbers. Use all 9 numbers to create a final puzzle and solve.

12	-12	-14
14	9	-9
-11	8	4

-4	7	5	20	21	4	18	-16	-23
-21	18	21	-25	-15	8	-24	4	-15
-6	-1	-18	-6	-5	7	0	5	-6
4	1	0	15	11	-25	-15	-21	13
16	-14	-21	14	-6	-18	18	7	1
-11	2	-6	-16	25	13	0	-9	-24
24	6	-6	-8	25	22	19	-10	-21
12	8	-17	-25	20	2	-23	-15	21
-8	-1	22	8	-9	-24	17	8	-12



Island Numeracy Network Assessment
Grade 7+: Computational Fluency

Item	Assessment Question	Reflections
1	The temperature rises 6°C, then falls 9°C. Write a number sentence to find the overall change in temperature.	
2	Pencils cost 45 cents each. The price is reduced by 20%. How many pencils can be purchased with $4.00.	
3	Students are selling hotdogs for $2.00 each. Each hot dog costs $0.62 to make. If they sell 87 hot dogs, ***about*** how much will their profit be?	
4	In class, you and a friend are explaining how you added 4.26 to 5.761 mentally. Describe two possible strategies that they may have used.	
5	Find the first three common multiples of 3, 4, and 6. Circle the lowest common multiple.	
6	You are playing a new game. You toss two bean bags into hoola hoops and find the sum of the integers. You toss two into the smallest hoola hoop and score a total of +10 Find at least three more different scores. 	

7	You subtracted 0.467 from 7.52 and got the difference 0.285. You compared your answer with a partner and discovered your answer was incorrect. Which mistake did you make? What is the correct answer?	
8	List all the possible combinations of integers that have a product of $+12$	
9	Sort the numbers between 50 and 60 into prime and composite numbers. **Prime** | **Composite**	
10	What is the product of 2.47 and 5.4?	

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Performance Task

Kaden, Talia and you solve this problem:

$$14 \times (2.7 \div 0.3) - 5.32 \times 2.5$$

Your group can only present ***one*** answer to the class.

- Kaden's answer is 112.7
- Talia's answer is 301.70
- Your answer is 128.8

1. Who has the correct answer? How do you know?

2. Explain and show how the others got their answers. Where did they go wrong?