



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING
cemc.uwaterloo.ca

2023 Team Up Challenge

June 2023

Answer Keys



2023 Team Up Challenge Team Paper Answer Key

Question	Answer
1	8
2	9
3	November 12 th
4	3
5	16
6	11
7	forest
8	44
9	20
10	10
11	9
12	46.5
13	250
14	15
15	2178



2023 Team Up Challenge

Crossnumber Puzzle Answer Key

8		1	9	1	9		3	
2	9	0		2		9	5	1
2		8	4		6	3		5
8	1		1	5		6	3	6
	2		6		2		3	
8	7	6		5	5		4	7
1		9	7		4	3		4
9	6	3		2		8	2	2
	2		3	1	3	8		5



2023 Team Up Challenge

Logic Puzzle Answer Key

	Position Number					
	1	2	3	4	5	6
Student's Name	Petr	Aria	Dhruv	Maggie	Finn	Leyla
Title of Art Piece	<i>Snowfall</i>	<i>Yellow</i>	<i>Happiness</i>	<i>Quiet</i>	<i>Traffic</i>	<i>Friday</i>
Type of Art	photograph	acrylic painting	oil painting	pencil sketch	watercolour painting	pastel drawing



2023 Team Up Challenge

Relay Answer Key

Practice Relay				
	Player 1	Player 2	Player 3	Player 4
Answer	6	72	12	240

Relay A				
	Player 1	Player 2	Player 3	Player 4
Answer	5	50	10	$\frac{6}{20}$ or $\frac{3}{10}$

Relay B				
	Player 1	Player 2	Player 3	Player 4
Answer	8	98	31	56

Relay C				
	Player 1	Player 2	Player 3	Player 4
Answer	7	7620	168	21