



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

## *2021 Team Up Challenge*

June 2021

*Answer Keys*



## 2021 Team Up Challenge Team Paper Answer Key

Question	Answer
1	7.5
2	3 cm
3	30
4	29
5	125
6	$\frac{3}{8}$ or 37.5%
7	7
8	6
9	●
10	(17, 4)
11	B, C, E
12	5
13	172
14	4
15	60



## 2021 Team Up Challenge

### Crossnumber Puzzle Answer Key

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



## 2021 Team Up Challenge Logic Puzzle Answer Key

		Position in Photo			
		1	2	3	4
Location	Park	Blanche	Dorothy	Rose	Sophia
	Kitchen	Blanche	Dorothy	Rose	Sophia
	Garden	Rose	Sophia	Dorothy	Blanche
	Driveway	Blanche	Dorothy	Sophia	Rose
	Basement	Blanche	Sophia	Dorothy	Rose



## 2021 Team Up Challenge

### Relay Answer Key

Practice Relay				
	Player 1	Player 2	Player 3	Player 4
Correct Answer	5	3	17	24

Relay A				
	Player 1	Player 2	Player 3	Player 4
Correct Answer	110	165	101	808

Relay B				
	Player 1	Player 2	Player 3	Player 4
Correct Answer	9	6	50	138

Relay C				
	Player 1	Player 2	Player 3	Player 4
Correct Answer	5	13	57	228