

Code with Anna & Elsa

Student Name: _____

Website: hourofcode.com/frzn

PUZZLE #1: What did you notice when you pushed the Run button?

PUZZLE #2: How many degrees did you need to turn? _____

PUZZLE #3: How many 90-degree turns did you need to make to complete the square? _____

PUZZLE #4: How many times did you need to repeat the pattern? _____

PUZZLE #5: How many times did you repeat the pattern? _____

Why did you need to repeat the pattern that many times?

How many degrees did you need to turn? _____

Does it matter if you turn right or left? Explain your thinking...

PUZZLE #6: How many “repeat” commands did you need to use? _____

What did the blocks do that repeated 4 times?

What did the blocks do that repeated 10 times?

PUZZLE #7: Why is it important that Elsa is able to move forward and backward to create this shape?

PUZZLES #8 & 9: Why is each turn in this fractal 36 degrees? (puzzle 8) Four degrees? (puzzle 9)

PUZZLE #10: What is the difference between a rectangle or square and this parallelogram?
