



List of Logo Instructions

Instruction	Description	Example
BK	Move backwards a distance of units	BK 50 – Move the turtle back 50 units
FD	Move forward a distance of units	FD 50 – Move the turtle forward 50 units
LT	Turn left a given number of degrees	LT 90 – Turn the turtle 90° to the left
RT	Turn right a given number of degrees	RT 45 – Turn the turtle 45° to the right
REPEAT	Repeat a set of instructions a number of times	REPEAT 4[FD 10 RT 90] – This will draw a square
SETPC	Set pen colour to a value	SETPC 1 – Pen colour is BLUE
SETPS	Set pen thickness	SETPC 1 – pen is thin; SETPS 10 – the line is a lot thicker
PU	Lifts the pen off the screen	
PD	Places the pen to begin drawing	



Unit 4.5 – Lesson 1 – Worksheet 1 – Using Logo to draw shapes

Name _____ Date _____

Look at the instructions below. What shape do you think the instructions will make?

INSTRUCTION	SHAPE
FD 1 RT 90 FD 1 LT 90 FD 1 RT 90 FD 1 LT 90 FD 1 RT 90 FD 1 LT 90	
FD 5 RT 90 FD 5 RT 90 FD 5 RT 90 FD 5 RT 90	
RT 90 FD 3 LT 90 FD 3 LT 90 FD 3 RT 90 FD 3 RT 90 FD 3	
FD 8 RT 120 FD 8 RT 120 FD 8 RT 120	

Can you think of some more shapes and write some instructions for your friends to follow?