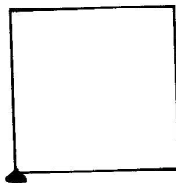


Name: _____

Date: __/__/__

Creating simple 2D shapes 1

In logo create a simple Square with each side equal to 90.



Write the commands below.

FD____, RT____, FD____, RT____, FD____,
RT____, FD____, RT____

Create a Repeat program that will do the same shape but use less commands.

REPEAT __ [FD____ RT____],

Create your own square procedure.

TO square

REPEAT __ [FD____ RT____]

END

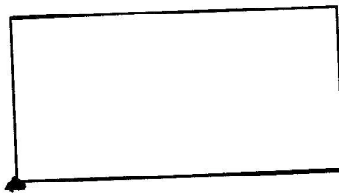


Name: _____

Date: __/__/__

Creating simple 2D shapes 2

In logo create a simple Rectangle with the length equal to 180 and the breadth equal to 90.



Write the commands below.

FD____, RT____, FD____, RT____, FD____,
RT____, FD____, RT____

Create a Repeat program that will do the same shape but use less commands.

REPEAT ____
[FD____ RT____ FD____ RT____]

Create your own rectangle procedure.

TO rectangle

REPEAT ____
[FD____ RT____ FD____ RT____]
END

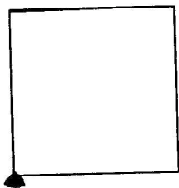


Name: Answers

Date: / /

Creating simple 2D shapes 1

In logo create a simple Square with each side equal to 90.



Write the commands below.

FD 90, RT 90, FD 90, RT 90, FD 90,
RT 90, FD 90, RT 90

Create a Repeat program that will do the same shape but use less commands.

REPEAT 4 [FD 90 RT 90],

Create your own square procedure.

TO square

REPEAT 4 [FD 50 RT 90]

END

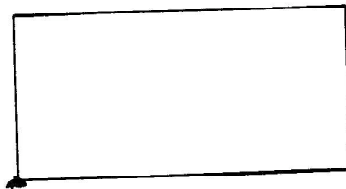


Name: Answers

Date: / /

Creating simple 2D shapes 2

In logo create a simple Rectangle with the length equal to 180 and the breadth equal to 90.



Write the commands below.

FD 90, RT 90, FD 180, RT 90, FD 90,
RT 90, FD 180, RT 90

Create a Repeat program that will do the same shape but use less commands.

REPEAT 2
[FD 90 RT 90 FD 180 RT 90]

Create your own rectangle procedure.

TO rectangle

REPEAT 2
[FD 70 RT 90 FD 140 RT 90]
END

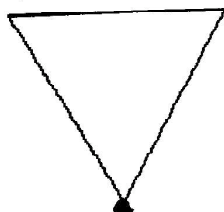


Name: _____

Date: __/__/__

Creating simple 2D shapes

In logo create a simple equilateral triangle with each side equal to 120.



Write the commands below.

RT____, FD____, LT____, FD____,

LT____, FD____

Create a Repeat program that will do the same shape but use less commands.

RT____,

REPEAT __ [FD____ LT____],

FD____

Create your own equilateral triangle program: You may create a program, repeat or procedure.



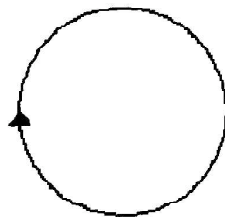
Name: _____

Date: __/__/__

Creating simple 2D shapes

In logo create a simple circle program with each forward movement equal to 3.

Remember that circles use the repeat format.



Write the commands below.

REPEAT ____ [FD__ RT__]

Create your own Circle procedure.

TO circle

REPEAT ____ [FD__ RT__]

END

Which attribute do I increment to create a larger circle FD ☐ or RT ☐

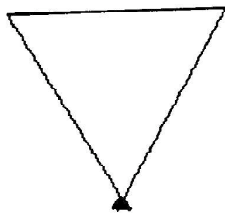


Name: Answers

Date: / /

Creating simple 2D shapes 3

In logo create a simple equilateral triangle with each side equal to 120.



Write the commands below.

RT 30, FD 120, LT 120, FD 120,
LT 120, FD 120

Create a Repeat program that will do the same shape but use less commands.

RT 30,
REPEAT 3 [FD 120 LT 120],
FD 0

Create your own equilateral triangle program: You may create a program, repeat or procedure.



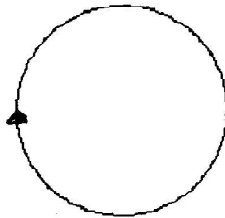
Name: Answeers

Date: / /

Creating simple 2D shapes

In logo create a simple circle program with each forward movement equal to 3.

Remember that circles use the repeat format.



Write the commands below.

REPEAT 360 [FD 3 RT 1]

Create your own Circle procedure.

TO circle

REPEAT 360 [FD 2 RT 1]

END

Which attribute do I increment to create a larger circle FD ☒ or RT ☐

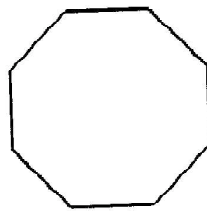


Name: _____

Date: __/__/__

Creating simple 2D shapes 5

In logo create a simple Octagon with each side equal to 45.



Write the commands below.

RT____, FD____, RT____, FD____, RT____,
FD____, RT____, FD____, RT____, FD____,
RT____, FD____, RT____, FD____, RT____,
FD____,

Create a Repeat program that will do the same shape but use less commands.

REPEAT __ [RT____ FD____]

Create your own Octagon program:

You may create a program, repeat or procedure.

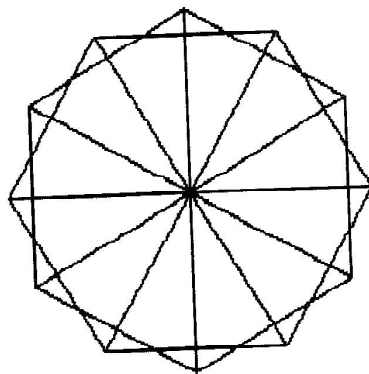


Name: ANSWERS

Date: __/__/__

Complex Shapes 2

Create a complex shape using equilateral triangles as your procedure.



Create your own odd shape procedure.

TO tri

RT 30

REPEAT 3 [FD 60 RT 120]

END

Change your procedure to make the shapes bind tighter.

TO tri

RT 10

REPEAT 3 [FD 70 RT 120]

END

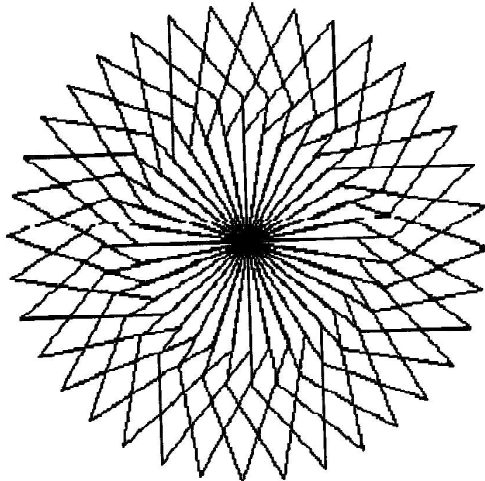


Name: ANSWERS

Date: __/__/__

Complex Shapes 3

Create a complex shape using a rhombus as your procedure.



Create your own odd shape procedure.

TO rhombus

RT 50

REPEAT 2

[FD 60 RT 40 FD 80 RT 140]

END

I increased decreased
RT to create a more tightly constructed
shape.



Name: _____

Date: __/__/__

Complex Shapes 4

Create a complex shape using any 2d shape as your procedure.

Below is the shape that I created using
_____ as a 2D shape
procedure.



Name: _____ _/_/_/_____

Create a LOGO using the initials of your
name.

What shapes are you going to combine in
order to create the characters that make
up your initials?

