“Turtle Tuesday” Logo Challenges

This month you will be a **Pattern Detective**!

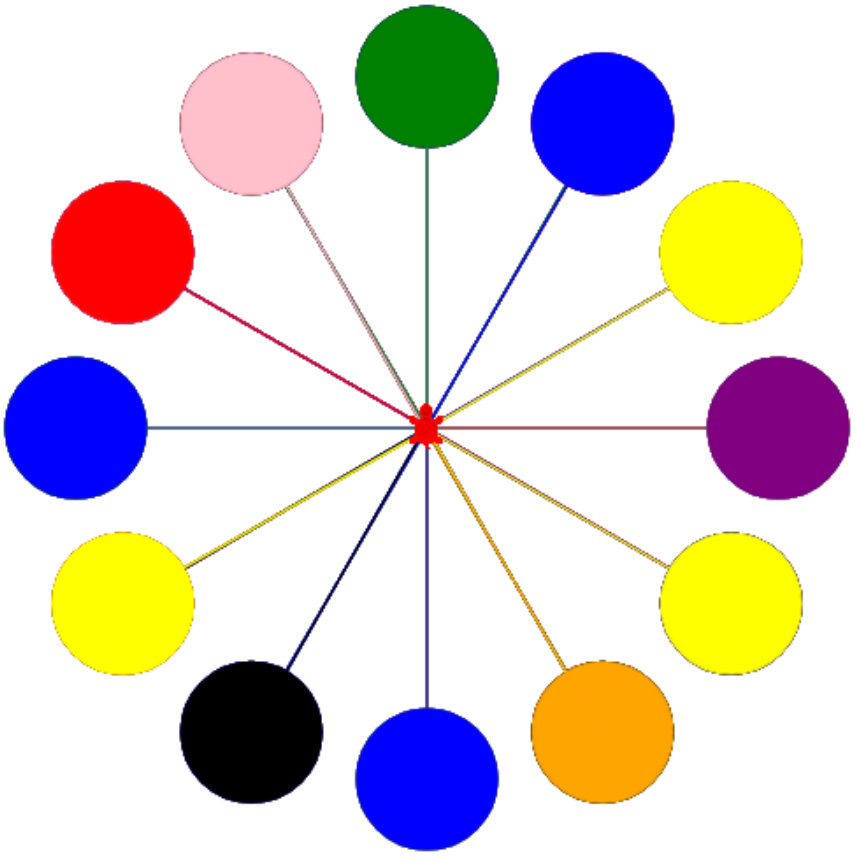
Figure out the building blocks you need to create using **Logo** or **Logo Blocks**.
Then put them together to create the design. Feel free to the design in any way you want.

For more challenges, take our **“Learn to Code, Learn to Think”** email course. **Read more and sign up!**

October 6, 2026

Challenge No. 194

Can you create this colorful lollipop wheel?
When you are done, see how you can make it fancier.
Add more lollipops to each stick, make more lollipops, or whatever you want!



Our Solutions are on the next page.

Logo Solution

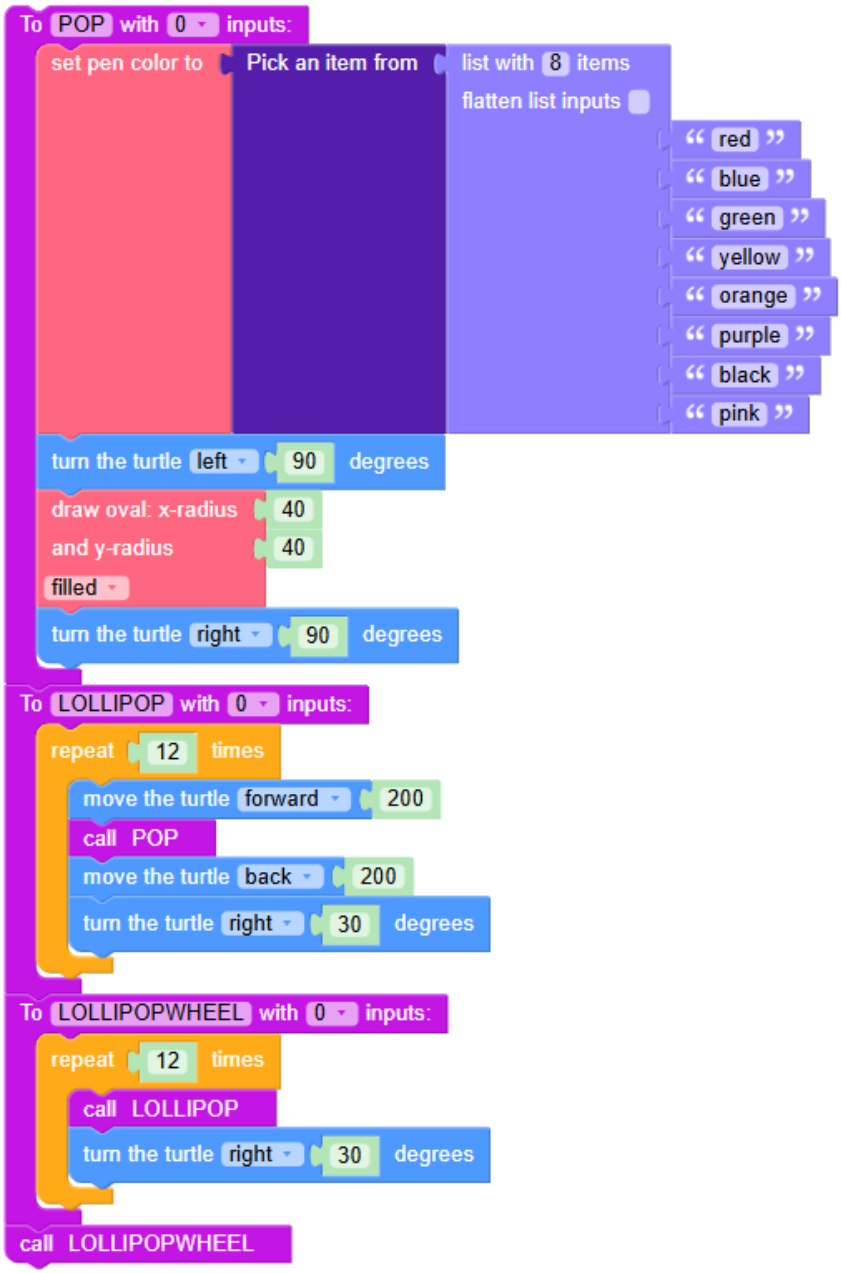
```
TO LOLLIPOPWHEEL
REPEAT 12 [LOLLIPOP RT 30]
END

TO LOLLIPOP
REPEAT 12 [FD 200 POP BK 200 RT 30]
END

TO POP
SETPC PICK [RED BLUE GREEN YELLOW ORANGE PURPLE BLACK PINK]
LT 90 (STAMPOVAL 40 40 "TRUE) RT 90
END

LOLLIPOPWHEEL
```

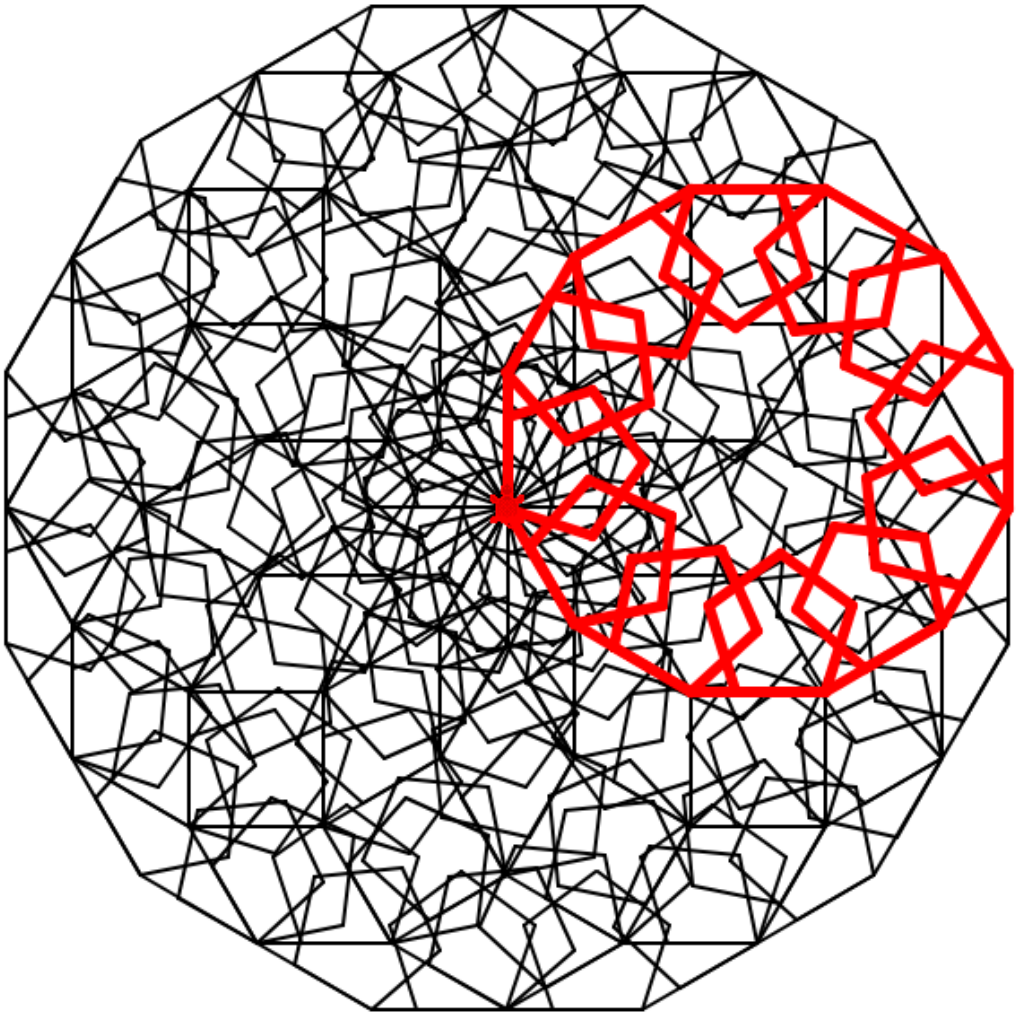
Logo Blocks Solution



October 13, 2026

Challenge No. 195

First, figure out how to draw the design in red.
Then repeat it to create the larger design.



Our Solutions are on the next page.

Logo Solution

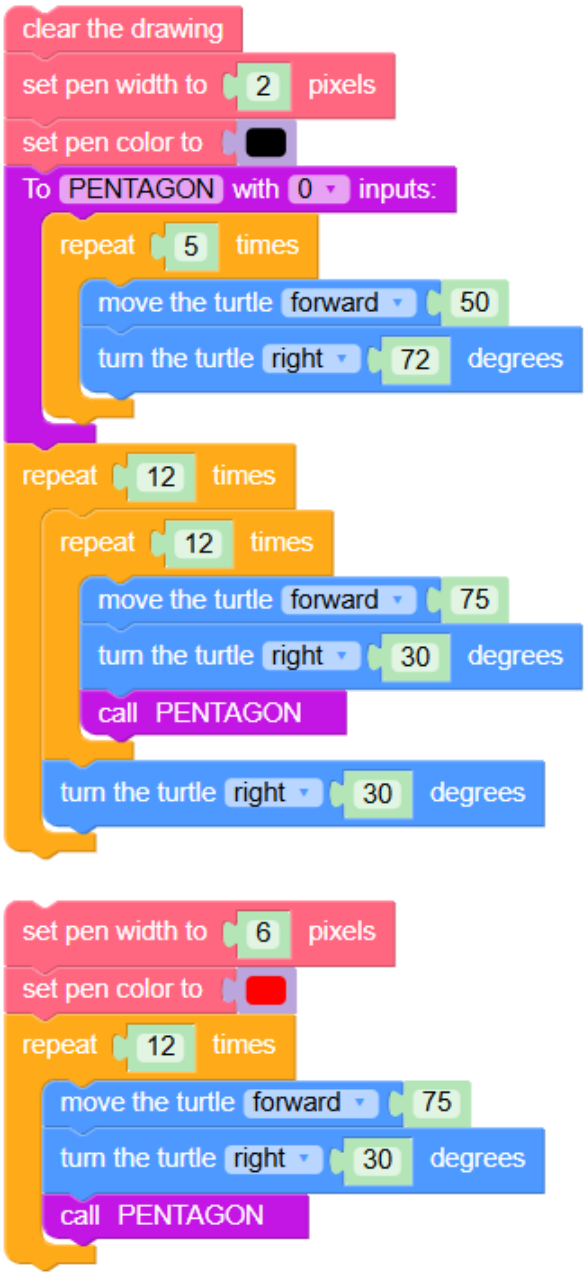
```
SETW 2
SETPC "BLACK

TO PENTAGON
REPEAT 5 [FD 50 RT 72]
END

REPEAT 12 [REPEAT 12 [FD 75 RT 30
PENTAGON] RT 30]

SETW 6 SETPC "RED
REPEAT 12 [FD 75 RT 30 PENTAGON]
```

Logo Blocks Solution

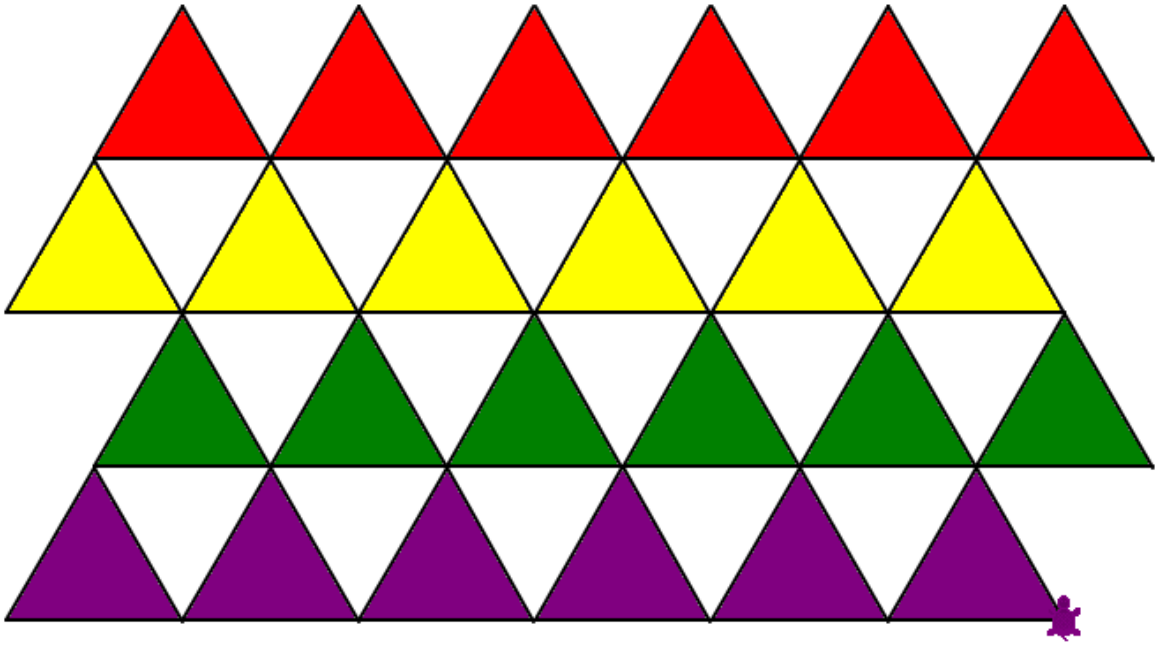


October 20, 2026

Challenge No. 196

First, figure out how to draw one triangle, and then draw a row of triangles.
Can you write a triangle procedure that takes a color as input?
Doing that will make your code more efficient.

When you have created this design, expand it using the tools you have already built.
Add more rows of triangles in different colors.



Our Solutions are on the following pages.

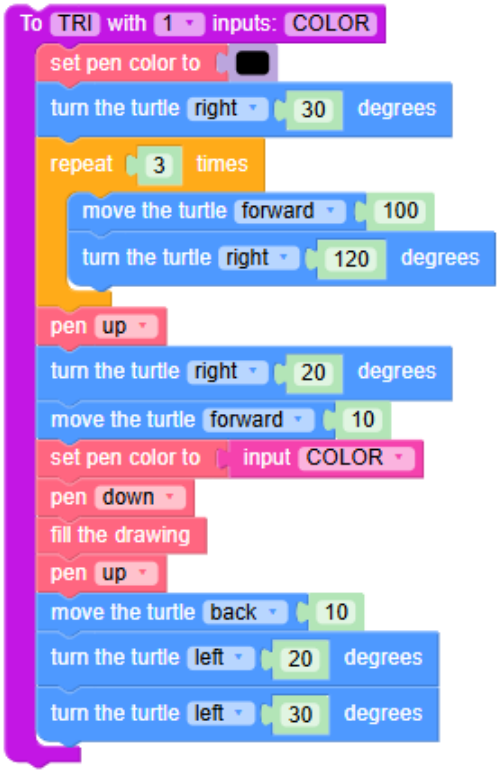
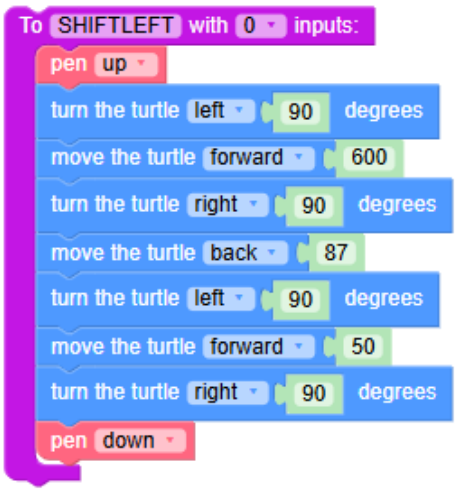
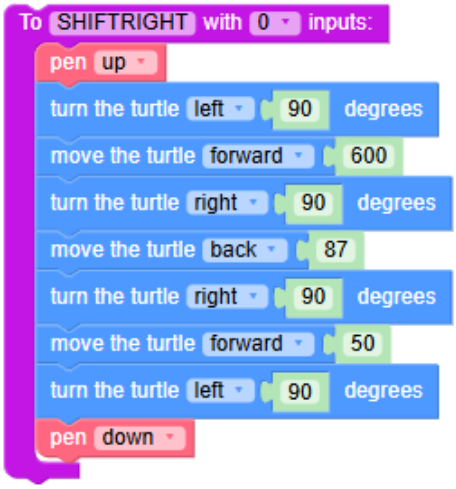
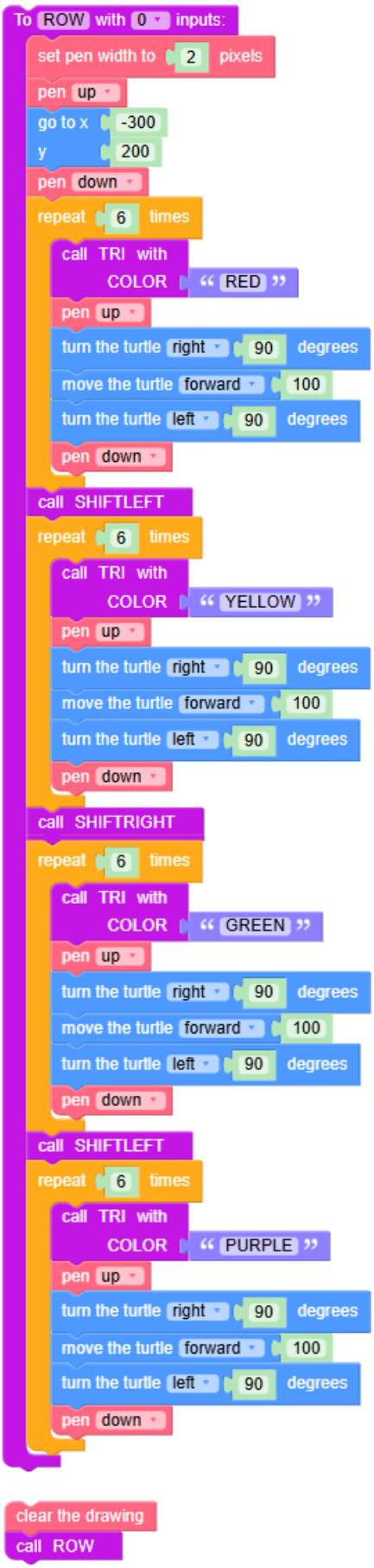
Logo Solution

```
TO ROW
SETW 2
PU SETXY [-300 200] PD
REPEAT 6 [TRI "RED PU RT 90 FD 100 LT 90 PD]
SHIFTLEFT
REPEAT 6 [TRI "YELLOW PU RT 90 FD 100 LT 90 PD]
SHIFTRIGHT
REPEAT 6 [TRI "GREEN PU RT 90 FD 100 LT 90 PD]
SHIFTLEFT
REPEAT 6 [TRI "PURPLE PU RT 90 FD 100 LT 90 PD]
END

TO SHIFTLEFT
PU LT 90 FD 600 RT 90 BK 87 LT 90 FD 50 RT 90 PD
END

TO SHIFTRIGHT
PU LT 90 FD 600 RT 90 BK 87 RT 90 FD 50 LT 90 PD
END

TO TRI :COLOR
SETPC "BLACK
RT 30
REPEAT 3 [FD 100 RT 120]
PU RT 20 FD 10 SETPC :COLOR PD FILL PU BK 10 LT 20
LT 30
END

ROW
```

Logo Blocks Solution