

DIFFY SQUARES



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Diffy is a fun and intriguing math game that requires subtraction, logic, and pattern recognition to win. It can be played with whole numbers, negative numbers, fractions, and money.

You can play Diffy using the document camera with the whole class, or have students complete their own Diffy games whether in worksheet format or at a center with laminated wipe-off sheets.

Difference Puzzle Directions

Write 4 different numbers in the outside corners.

Start from the outside and find an empty spot between 2 numbers.

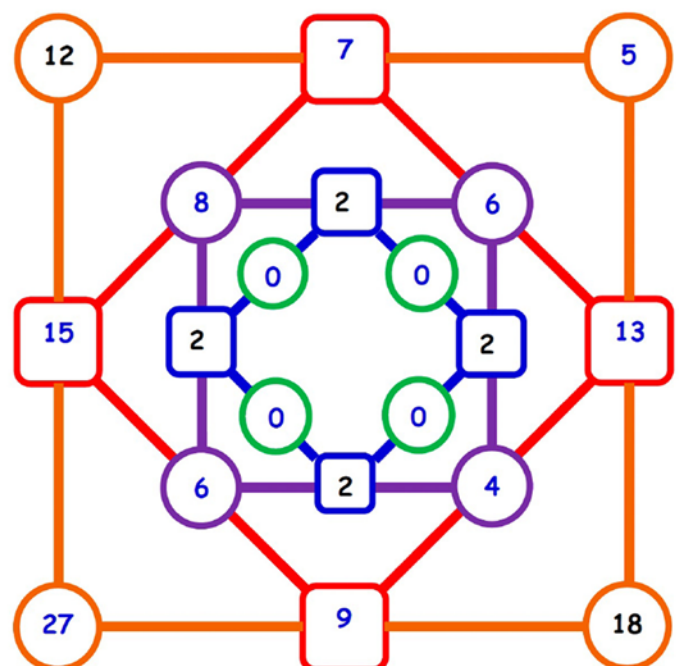
Find the difference between those 2 numbers and write it in the empty spot.

Keep filling in the spots as you move toward the center.

Look for patterns as you go.

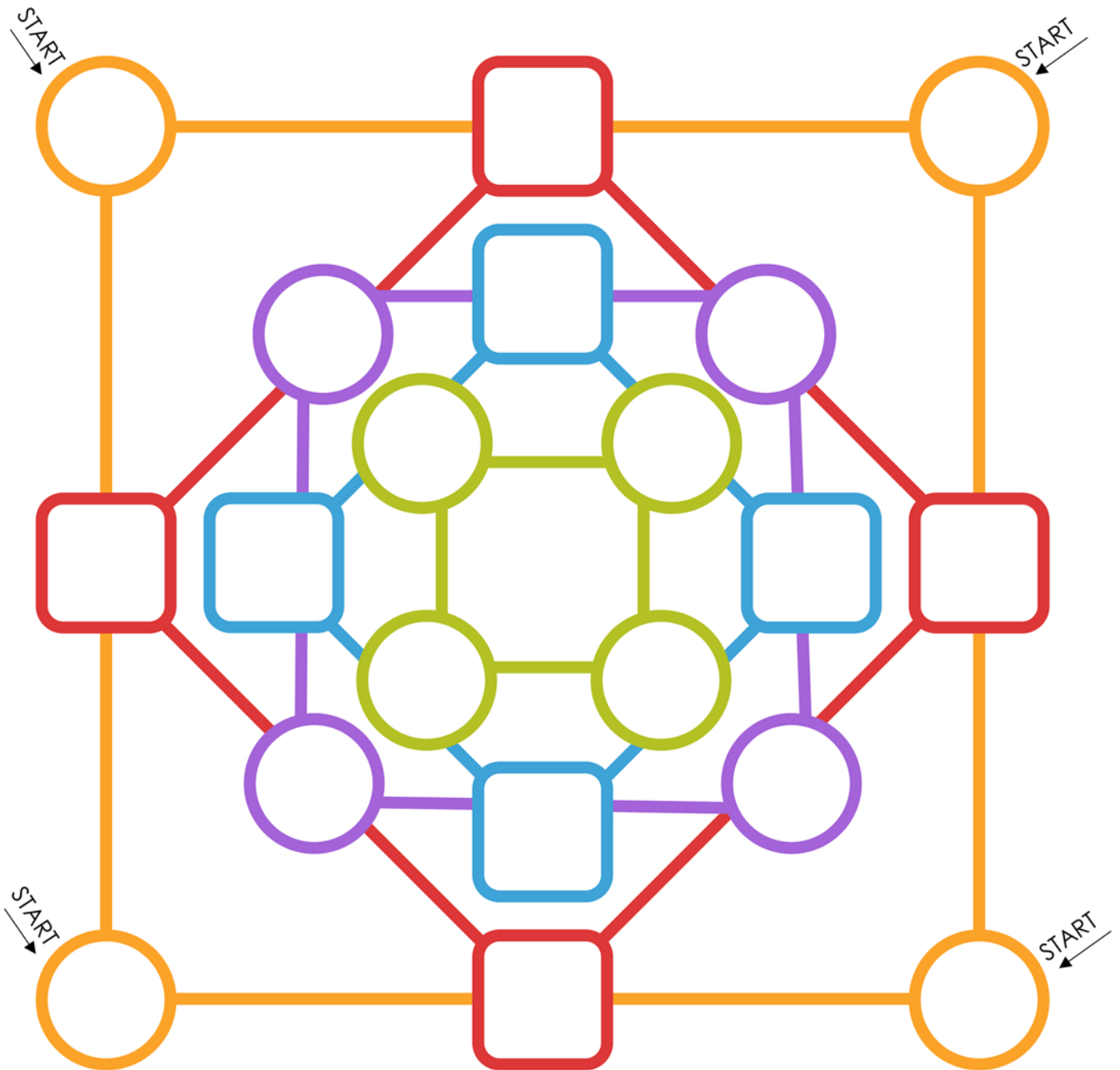
Can you make it to the center without getting a difference of 0?

Here's a sample game! →



DiFFY SQUARES

Begin by writing four different numbers in the outer corners. Starting on the outside, find an empty spot. Identify the two numbers that touch it, find the difference between those two numbers, and write it in the empty spot. Continue filling spots as you move inward until you reach the center. What patterns do you see? Can you reach the middle without getting a difference of zero?



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