A Surprising Puzzle

Try a decimal.

	A	B	C	D	E	F	G	H
Think of a number.								
Add 4.								
Multiply by 3.								
Subtract the number you first thought of.								
Divide by 2.								
Subtract 2.								
Subtract the number you first thought of.								

What do you notice?

_____

_____

_____

_____

_____

_____

_____

Make a Puzzle

Draw a number.					

Make-a-Puzzle Cards I

$$+ \quad + \quad +$$

$$+ \quad \begin{matrix} + \\ \textbf{OR} \\ \times \end{matrix} \quad \times$$

$$\times \quad \times \quad \times$$

Make-a-Puzzle Cards II

1	2	3
4	5	6
7	8	9

Equation Maze
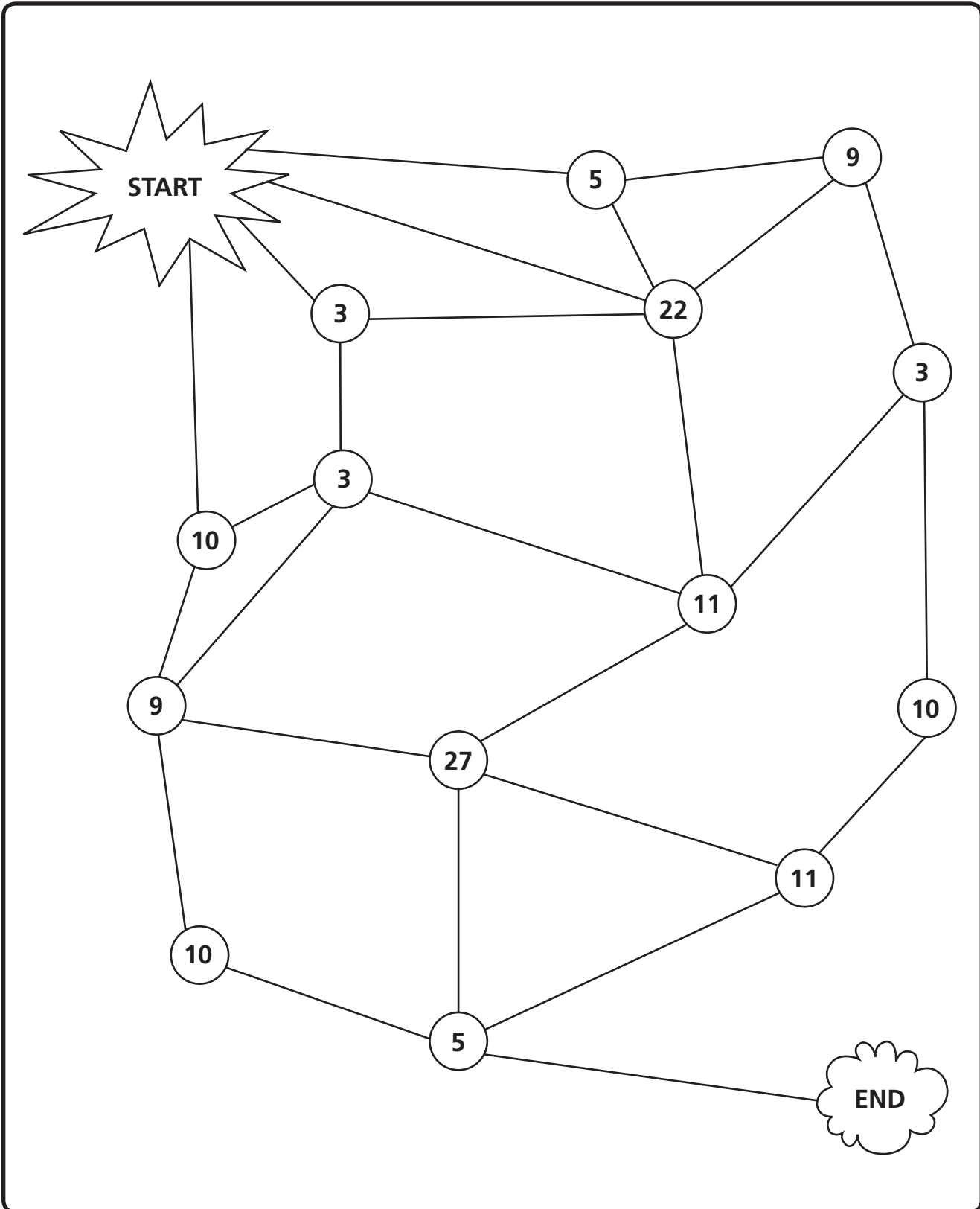
Equation Maze Cards

$3x + 2 = 11$ What's x?	$2x - 8 = 2$ What's x?	$50 - 2x = 30$ What's x?	$10x = 270$ What's x?
$100 - 20x = 0$ What's x?	$x - 2 = 10$ What's x?	$150 - 50 = 10x$ What's x?	$45 \div x = 5$ What's x?
$88 - 3x = 55$ What's x?	$9 \div x = 3$ What's x?	$9x + 3 = 30$ What's x?	$3x + 4 = 70$ What's x?
$10x = 100$ What's x?	$x = 77 \div 7$ What's x?	$x + 73 = 100$ What's x?	$18 - 2x = 0$ What's x?