Color Match Activity SOLVING EQUATIONS WITH VARIABLES ON BOTH SIDES

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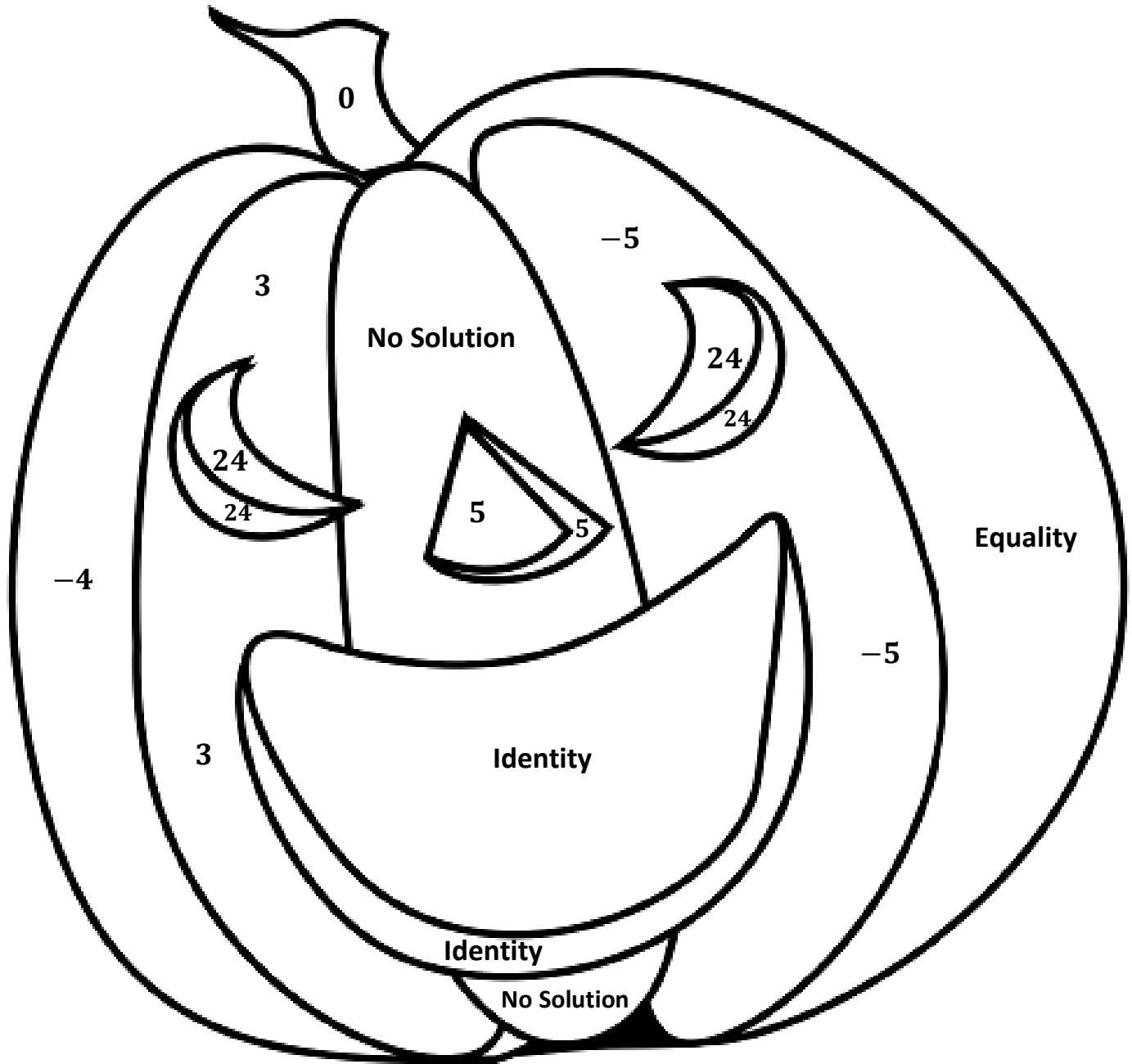
Directions: Answer the questions. Find your answer on the Thanks-Giving Pumpkin. Then color according to your answers.

1. An equation with variable on both sides means the variable is on both sides of the _____. **(ORANGE)**

2. What is the value of x in the equation $5x - 2 = 2x - 14$? **(ORANGE)**

3. An equation that is true for all the values of variable is known as an _____ equation. **(YELLOW)**

4. An equation in which the variable on both sides gets cancelled out but the remaining sides are not equal is an equation with _____. **(ORANGE)**

5. What is the value of y in the equation $34y + 11 = y + 110$? **(ORANGE)**

6. What is the value of a in the equation $a - 100 = -16a - 15$? **(SKY BLUE)**

7. What is the value of z in the equation $-3z - 1 = +2z - 1$? **(GREEN)**

8. What is the value of f in the equation $4(2f + 1) = 2(f - 13)$? **(ORANGE)**

9. What is the value of h in the equation $\frac{h}{2} + 3 = 3\left(\frac{h}{4} - 1\right)$? **(YELLOW)**

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