Name: _____   Period: _____ Date: _____

2-3 Solving Multi-Step Equations - Christmas Color Match Activity

Multi-Step

Distributive

23

18

23

18

23

2

−50

0

6

3

3

3

1
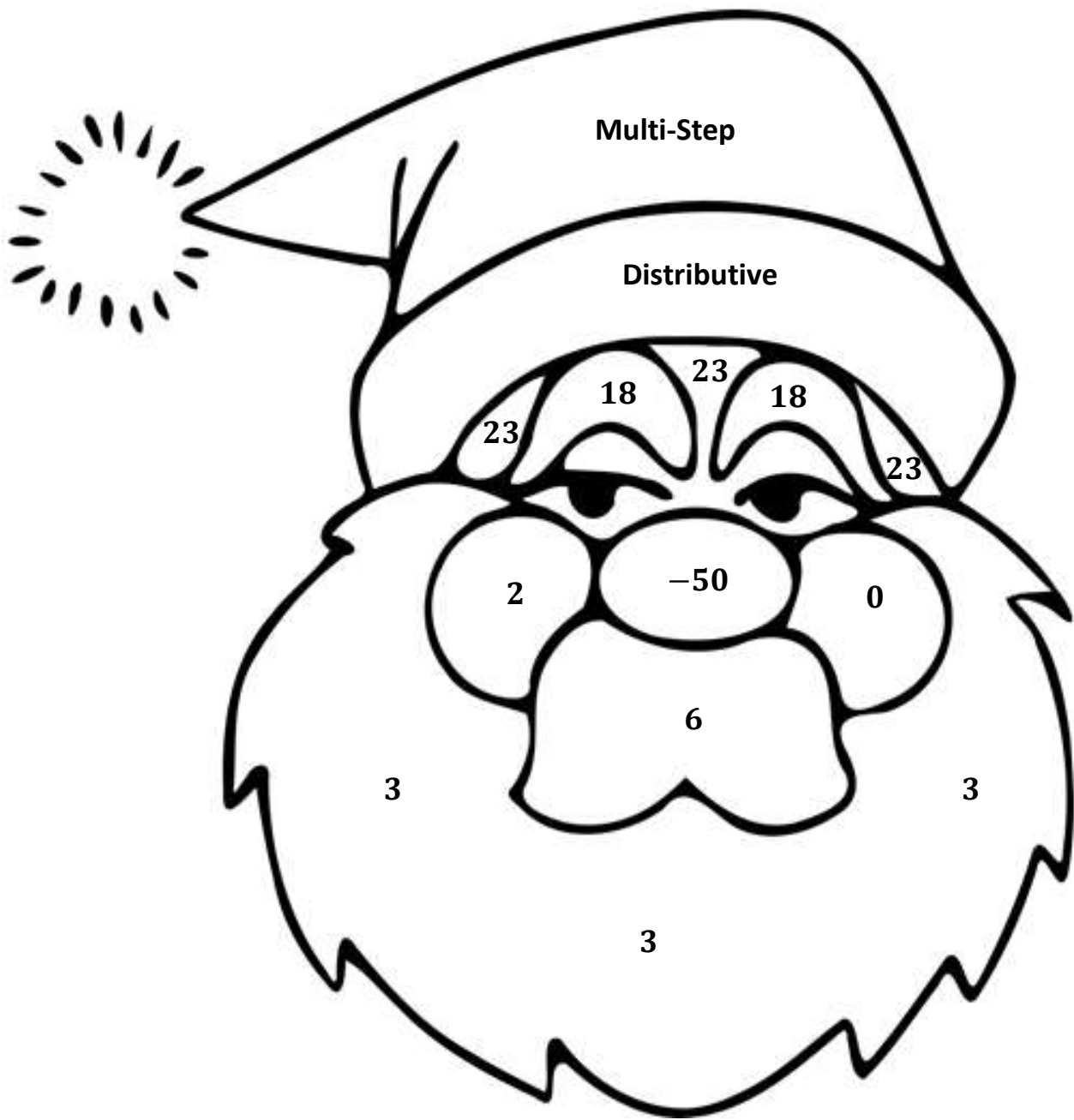
Directions: Answer the questions. Find your answer on the Christmas Santa, then color according to your answers.

1. An equation that can be solved in more than two steps by combining like terms and distributive property is a _____ equation. **(RED)**

2. The property represented as $A(B \pm C) = AB \pm AC$ is _____ property. **(YELLOW)**

3. The solution of the equation $5x - 2x + 2 = 8$ is _____. **(ORANGE)**

4. The solution of the equation $34y - y + 11 = 110$ is _____. **(GREEN)**

5. The solution of the equation $\frac{234z}{500} - 3z - 1 = -1$ is _____. **(ORANGE)**

6. The solution of the equation $\frac{t}{9} + 2\left(\frac{t}{18} + 4\right) = 10$ is _____. **(BROWN)**

7. The solution of the equation $\frac{k}{100} + \frac{k}{100} + 11 = 10$ is _____. **(YELLOW)**

8. The solution of the equation $d + \frac{d}{18} + 3 = 22$ is _____. **(GREY)**

9. The solution of the equation $-11a + 16a - 100 = 15$ is _____. **(WHITE)**