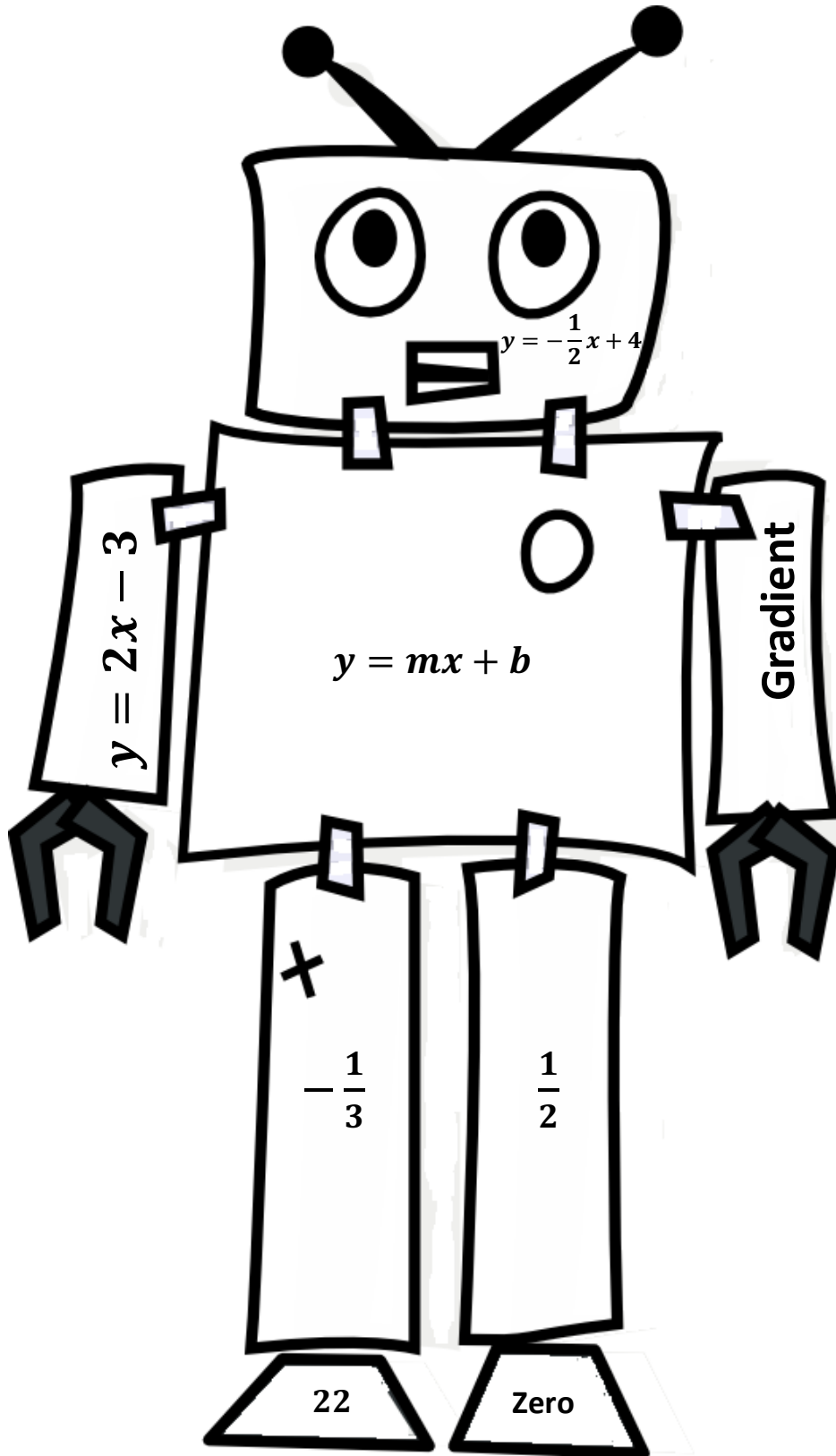


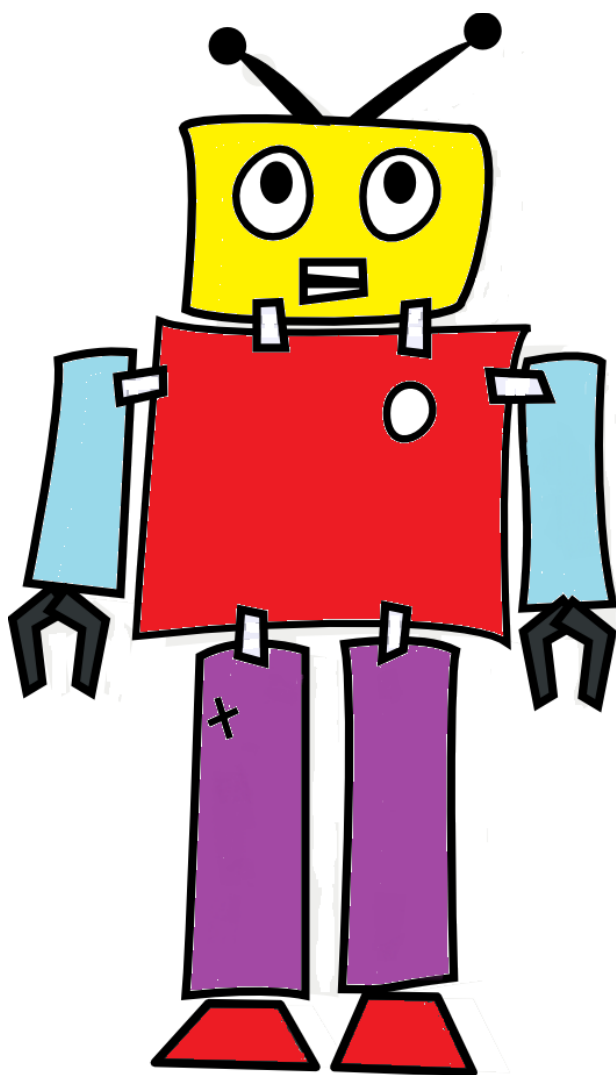
Name: _____ Period: _____ Date: _____

Color Match Activity FIND AND USE SLOPES OF LINE



Directions: Answer the questions. Find your answer on the Halloween Robot. Then color according to your answers.

1. The rate of change while going from one value to another is termed as _____. (SKY BLUE)
2. A line is horizontal if its slope is _____. (RED)
3. The slope of the line passing through the points $A(2, 1)$ and $B(4, 2)$ is _____. (PURPLE)
4. What is the slope of a line parallel to the line having a slope of 22 units? (RED)
5. What is the slope of a line perpendicular to the line having a slope of 3 units? (PURPLE)
6. The slope-intercept form a straight line is given as _____. (RED)
7. What is equation of a line having slope 2 and y-intercept $(0, -3)$? (SKY BLUE)
8. What is equation of a line passing through the points $(6,2)$ and $(2,4)$ and y-intercept $(0,4)$? (YELLOW)



Answers:

1. Gradient
2. Zero
3. $\frac{1}{2}$
4. 22
5. $-\frac{1}{3}$
6. $y = mx + b$
7. $y = 2x - 3$
8. $y = -\frac{1}{2}x + 4$