Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_

Solve the following problems. Color the corresponding section of the picture that matches your answer.

**GREEN** The product of a number and 3 decreased by 7 is 8.

**YELLOW** The quotient of a number and 2 increased by 5 is 6.5.

**BROWN** 5 plus six times a number is 29.

**ORANGE** Eleven less than a number times -9 is -2.

**BLUE** 1 plus a number divided by four is $\frac{1}{2}$.

**RED** A number times 3 plus 50 is 17.

**PURPLE** Seven less than half a number is -10.

**ORANGE STRIPES** A number times $\frac{1}{3}$ and increased by 16 is equal to 12.

**RED POLKA DOTS** Half a number plus 5 is one

-11

-11

-11

-1

-1

-1

-2

-2

-2

-6

-6

-6

-8

-8

-12

-12

3

3

5

5

5

4

4

Green = 5 Orange = -1 Blue = -2 Purple = -6

Yellow = 3 Brown = 4 Red = -11 Orange Stripes = -12

Red Polka Dots = -8