Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_
**Color Match Activity** SOLVING EQUATIONS WITH DISTRIBUTIVE PROPERTY



$$\frac{26}{5}$$

$$\frac{26}{5}$$

$$\frac{3}{2}$$

$$11$$

$$161$$

$$110$$

$$2$$

$$12$$

$$3a-6b $$

**Distributive**

**Distributive**

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

**1.** The property $A\left(B\pm C\right)=AB\pm AC$is known as \_\_\_\_\_\_\_\_\_\_ property. **(LIGHT YELLOW)**

 **2.** $3\left(a-2b\right)=\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_\\_$. **(RED)

3.** Simplifying $12-2\left(1+3\right)+4(3-1)$gives \_\_\_\_\_\_\_\_\_\_. **(ORANGE)

4.** The solution of $3x+5(x-1)=11$ is \_\_\_\_\_\_\_\_\_\_\_. **(YELLOW)

5.** Simplifying $-10+4\left(40+1\right)-44$ gives \_\_\_\_\_\_\_\_\_\_\_\_. **(GREY)

6.** Simplifying $-10\left[-5\left(-4+7\right)\right]+11$ gives \_\_\_\_\_\_\_\_\_\_\_\_. **(RED)

7.** The solution of $3\left(x-1\right)=2(x+4)$ is \_\_\_\_\_\_\_\_\_\_\_. **(ORANGE)**

 **8.** The solution of $4x+\frac{1}{3}\left(6x-12\right)=5$ is \_\_\_\_\_\_\_\_\_\_\_. **(GREEN)**

**9.** The solution of $\frac{3}{8}\left(16x-64\right)=\frac{1}{2}(2x+4)$ is \_\_\_\_\_\_\_\_\_\_\_. **(BROWN)**

|  |  |
| --- | --- |
|  | **Answers:**1. **Distributive**
2. $3a-6b$
3. $12$
4. $2$
5. $110$
6. $161$
7. $11$
8. $\frac{3}{2}$
9. $\frac{26}{5}$
 |