




Directions:

1. Put students in teams of four. Team members should sit one behind another. They are not allowed to get out of their seats until the completed relay race paper is turned in.
2. Hand out the relay race paper face down.
3. Once prompted to start the race, the first student on the team works on the first problem only and writes the answer in the first box.
4. Once the first student is finished, they pass the paper to the second student behind them.
5. The second student on the team works on the second problem only (using the answer from the first problem) and writes the answer in the second box.
6. Once the second student is finished, they pass the paper to the third student behind them.
7. The third student on the team works on the third problem only (using the answer from the second problem) and writes the answer in the third box.
8. Once the third student is finished, they pass the paper to the fourth student behind them.
9. The fourth student on the team works on the fourth problem only (using the answer from the third problem) and writes the answer in the fourth box.
10. The fourth student will turn the completed relay race into the teacher.
11. If there is an error, the teacher will give the paper back to the team. The team can get out of their seats and confer to try to correct any mistakes.
12. The first team to successfully complete all four problems wins!

Simplify the expression by combining like terms.

$$5 + 5y - 5 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} - 4y + 3 + 3y = \underline{\hspace{2cm}}$$

 $- y^2 + 3y - 2y^2 =$

$$\underline{\hspace{2cm}} + 5 = \underline{\hspace{2cm}}$$

FINAL ANSWER:



Simplify the expression by combining like terms.

$$-3 + y - 5 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + 3y + 2 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} + y^2 - 10 + 3y = \underline{\hspace{2cm}}$$

 $- 2y^2 + 2y - 5 =$

FINAL ANSWER:



Simplify the expression by combining like terms.

$$5 + 5y - 5 = 5y$$

$$5y - 4y + 3 + 3y = 4y + 3$$

$$4y + 3 - y^2 + 3y - 2y^2 = -3y^2 + 7y + 3$$

$$-3y^2 + 7y + 3 + 5 = -3y^2 + 7y + 8$$

FINAL ANSWER:

$$-3y^2 + 7y + 8$$



Simplify the expression by combining like terms.

$$-3 + y - 5 = y - 8$$

$$y - 8 + 3y + 2 = 4y - 6$$

$$4y - 6 + y^2 - 10 + 3y = y^2 + 7y - 16$$

$$y^2 + 7y - 16 - 2y^2 + 2y - 5 = -y^2 + 9y - 21$$

FINAL ANSWER:

$$-y^2 + 9y - 21$$

