

Combining Like Terms Worksheet

Grade: 6–8

Subject: Math – Pre-Algebra

Topic: Combining Like Terms

Time: 45 minutes

Objective:

Students will learn to identify like terms and simplify algebraic expressions by combining them.

Lesson Outline:

1. Warm-Up (5 mins)

Ask students to identify like terms in:

Example: $2x + 3x$, $4y + 5$

2. Instruction (10 mins)

- Define like terms
- Show examples: $3x + 5x = 8x$, $2y + y = 3y$

3. Guided Practice (10 mins)

Simplify on board with class:

- $6x + 4x - 2$
- $3y - y + 5$

4. Activity (10 mins)

Students group and match like term cards, then simplify.

5. Independent Work (5 mins)

Quick worksheet with 4–5 problems to combine like terms.

6. Exit Ticket (5 mins)

Simplify: $7a + 3 - 2a + 4$

Expected: $5a + 7$

Assessment: Monitor classwork and exit ticket for understanding.

Differentiation: Use colors or visual aids for struggling students