

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

## WORKSHEET IDENTIFYING SIMILAR TERMS

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Similar terms are exactly the same except for their coefficients.

### EXAMPLES OF SIMILAR TERMS

$3x$  and  $-x$ ;  $7xy$  and  $6yx$ ;  $2\frac{3}{4}a^2$  and  $6a^2$ ;  $\frac{1}{2}x^2$  and  $4x^2$ ;  $ab$  and  $3ab$ ;  $10ab$  and  $-2ab$

### EXAMPLES OF TERMS THAT ARE NOT SIMILAR

$3x$  and  $3x^2$ ;  $\frac{2}{3}a^2$  and  $3ab$ ;  $4a$  and  $9b^2$ ;  $4ab$  and  $4a$ ;  $-3x^2y$  and  $-3xy^2$ ;  $10a$  and  $10ab$

**DIRECTIONS:** Every term is similar to another term below. Identify each pair of similar terms.

$3x$ ;  $\frac{1}{5}x^2$ ;  $-x^2$ ;  $6a$ ;  $8ab$ ;  $7x$ ;  $6a^2b$ ;  $2ba$ ;  $\frac{1}{4}a^2b$ ;  $3x^2y$ ;  $-a$ ;  $6x^2y$