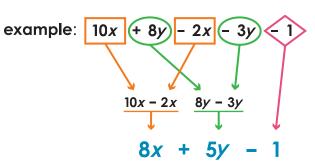Name: _____

Equivalent Expressions
Combining Like Terms

Terms are separated by + or − signs in an expression.

Like terms may be combined according to the sign that separates them.

example: $10x$ $+ 8y$ $− 2x$ $− 3y$ $− 1$ *Include symbol when identifying terms

$10x − 2x$ $8y − 3y$

$$8x + 5y − 1$$

(c) $5a + 3 − 6b − 1 − 3a$

(d) $8c + 3d − 2 + d − 4c$

(e) $12x − y + 5 − 9x + 1$
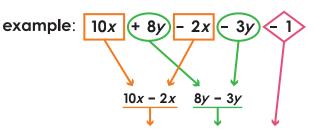
(f) $a + 7b − 3b + 2a − 1$

Note: Shapes may vary, as long as like shapes are drawn around like terms.

Equivalent Expressions
Combining Like Terms

Terms are separated by + or − signs in an expression.

Like terms may be combined according to the sign that separates them.

example: $\boxed{10x}$ $\!\left(+\,8y\right)$ $\boxed{-\,2x}$ $\left(-\,3y\right)$ $\diamondsuit\, -\,1$ *Include symbol when identifying terms*

$$10x - 2x \qquad 8y - 3y$$

$$8x + 5y - 1$$