

## Power Up Facts Q

### ANSWER KEY

**Facts**

Simplify.

$2x + x$ $3x$	$2x - x$ $x$	$(2x)(x)$ $2x^2$	$\frac{2x}{x} = 2$	$\frac{x^2}{x} = x$
$8xy + 2xy$ $10xy$	$8xy - 2xy$ $6xy$	$(8xy)(2xy)$ $16x^2y^2$	$\frac{8xy}{2xy} = 4$	$\frac{8x^2y}{2y} = 4x^2$
$x + y + x$ $2x + y$	$x + y - x$ $y$	$(x)(y)(-x)$ $-x^2y$	$\frac{xy}{x} = y$	$\frac{x^2y^3}{x^2y} = y^2$
$4x + x + 2$ $5x + 2$	$4x - x - 2$ $3x - 2$	$(4x)(-x)(-2)$ $8x^2$	$\frac{-4x}{2x} = -2$	$\frac{4x^3}{2x^2} = 2x$