

Cover up

Board

$6a$	b	$8b^2$	a	a^2	$3a^2$
a	$4a$	$2a$	$4b$	$4a$	$2b$
$3a^2$	b	$2a$	$4b^2$	$2b$	$3a$
$4ab$	2	$3b$	5	$2a$	$3a$
ab^2	$4b^2$	$4a$	b^2	$2a^2$	$2ab$
$6a$	$2b$	$5b$	b	a	$3ab$

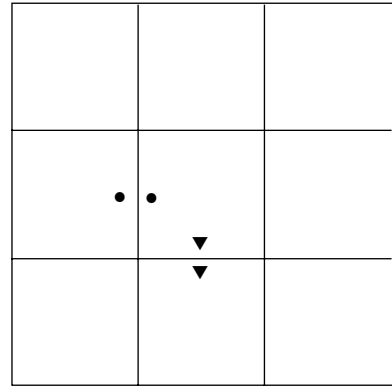
Copy (for reference)

$6a$	b	$8b^2$	a	a^2	$3a^2$
a	$4a$	$2a$	$4b$	$4a$	$2b$
$3a^2$	b	$2a$	$4b^2$	$2b$	$3a$
$4ab$	2	$3b$	5	$2a$	$3a$
ab^2	$4b^2$	$4a$	b^2	$2a^2$	$2ab$
$6a$	$2b$	$5b$	b	a	$3ab$

Pieces

$8b^2$	$6ab$	$8b^3$	$6a^2b$
$3a^2b$	$6a^2$	$8ab^2$	$4a^3$
$12ab$	$4ab$	$8ab$	$5b^2$
$6a^2b^2$	$10a$	$9a^2$	$4ab^2$
$2a^3$	$4a^2b^3$		

- Cut out the nine puzzle pieces below.
 - Arrange the pieces to form a 3 by 3 square so that any pair of adjacent expressions are equivalent.
- For example, the pairs of expressions in the positions shown should be equivalent.



Puzzle pieces

$$\frac{2x}{3x^2} \quad \frac{12xz}{3x^2z}$$

$$\frac{10xy}{8y} \quad \frac{4y}{12xy}$$

$$\frac{6a}{2a} \quad \frac{25x^2y}{15xy}$$

$$\frac{3y}{y^2} \quad \frac{3c}{3c}$$

$$\frac{7x}{14x} \quad \frac{6a^2x}{3a^2}$$

$$\frac{12y^2x}{3yx} \quad \frac{x}{4xy}$$

$$\frac{3x^2}{x} \quad \frac{4xy}{4y^2}$$

$$\frac{9b^2}{3b^2} \quad \frac{5c}{5c}$$

$$\frac{5x^2}{3x} \quad \frac{24x}{8x^2}$$

$$\frac{2x^2}{xy} \quad \frac{6c}{6c}$$

$$\frac{8}{2x} \quad \frac{16y}{8y}$$

$$\frac{vx^2}{v} \quad \frac{yz}{2xz}$$

$$\frac{9}{9x} \quad \frac{3y}{xy}$$

$$\frac{x}{2x} \quad \frac{5ax}{5ax}$$

$$\frac{4xy}{12xy} \quad \frac{4y^2}{2y}$$

$$\frac{5}{5} \quad \frac{y^2}{xy}$$

$$\frac{10a}{15ax} \quad \frac{14x^2}{2x}$$

$$\frac{2}{xg} \quad \frac{2xy}{y}$$

