

Rational Expression Worksheet

$$1) \frac{x^2 - 6xy + 8y^2}{x^2 - 7xy + 12y^2} \div \frac{x^2 - 2xy}{x - 3y}$$

$$2) \frac{a+y}{6} \square \frac{4}{a+y}$$

$$3) \frac{y-a}{w+n} \square \frac{w^2 - n^2}{y-a}$$

$$4) \frac{x+y}{6} \div \frac{x^2 - y^2}{3}$$

$$5) \frac{x^2 - 9}{4} \div \frac{x-3}{8}$$

$$6) \left(\frac{1}{x} + 2 \right) \div \left(\frac{4}{x} - 1 \right)$$