

NAME _____

Halloween Color-By-Numbers



PURPLE: $\frac{3(x-2)}{x(x+7)}$

GREEN: $\frac{4(2x+3)}{x+4}$

BROWN: $\frac{2x+3}{(x-3)(x+6)}$

RED: $\frac{4(x-2)}{5(4x-3)}$

YELLOW: $\frac{x-4}{x-9}$

ORANGE: $\frac{x+2}{x-2}$

$$1. \frac{x^2-16}{x^2-5x-36}$$

$$2. \frac{x+2}{x-3} \div \frac{x^2-4x+4}{x^2-5x+6}$$

$$3. \frac{x-6}{3x^2+21x} \div \frac{x-6}{9x-18}$$

$$4. \frac{x-5}{x^2+3x-18} \cdot \frac{2x^2+13x+15}{x^2-25}$$

$$5. \frac{12x^2-27}{2x+8} \cdot \frac{8}{6x-9}$$

$$6, 7, 8. \frac{8x-16}{40x-30}$$