


Activity 22


Name: _____

A	B	C	D	E	F
$\frac{3(x-3)}{2}$	$\frac{3x}{4}$	$\frac{3}{3}$	$\frac{x+1}{x}$	$\frac{x}{3}$	$\frac{x}{2}$
$\frac{x+2}{x+4}$	$\frac{x+2}{4x}$	$\frac{2(x-2)}{x}$	$\frac{2(x-2)}{x}$	$\frac{x+2}{4x}$	$\frac{x+2}{x+4}$
$\frac{(x+1)(x-2)}{5}$	$\frac{x}{3}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{3x}{4}$	$\frac{2x}{3(x-5)}$
$\frac{2x(x+1)}{3}$	$\frac{x}{3}$	$\frac{x}{2}$	$\frac{3(x-3)}{2}$	$\frac{3x}{4}$	$\frac{x-2}{x}$
$\frac{2(x-2)}{x}$	$\frac{x+2}{4x}$	$\frac{x+2}{x+4}$	$\frac{x+2}{x+4}$	$\frac{x+2}{4x}$	$\frac{2(x-2)}{x}$
$\frac{1}{2}$	$\frac{3x}{4}$	$\frac{2x}{3(x-5)}$	$\frac{(x+1)(x-2)}{5}$	$\frac{x}{3}$	$\frac{1}{3}$


Simplify each product or quotient.




$$\frac{2}{x-2} \cdot \frac{x^2-2x}{4}$$




$$\frac{x+1}{2} \cdot \frac{x-1}{x^2-1}$$




$$\frac{1}{x-3} \cdot \frac{x^2-x-6}{x+4}$$




$$\frac{2x^2-4x}{6x} \cdot \frac{x+2}{x^2-4}$$




$$\frac{3x}{x+3} \cdot \frac{x^2-9}{4x-12}$$




$$\frac{x^2-3x-4}{5} \cdot \frac{x^2-4}{x^2-2x-8}$$




$$\frac{2x^3+8x^2}{x-4} \cdot \frac{x^2-3x-4}{x^2+4x}$$




$$\frac{x^2-4}{x+1} \cdot \frac{x+1}{x+2}$$




$$\frac{2x^2-3x}{2x-10} \cdot \frac{4}{3(2x-3)}$$




$$\frac{2x}{3x-1} \div \frac{6x}{3x^2-x}$$




$$\frac{2x+2}{x+2} \div \frac{x^2+x}{x^2-4}$$




$$\frac{x^2-9}{2x^2+8x} \div \frac{x+3}{3x^2+12x}$$



$$\frac{2x^2-x-1}{2x^2-3x+1} \div \frac{2x^2+x}{2x^2+x-1}$$



$$\frac{3x^2+6x}{x^2+x} \div \frac{x^2+x-2}{x^2-1}$$



$$\frac{x^2-4}{2x^2+2x} \div \frac{2x-4}{x+1}$$