

When dividing rational expressions,

$$\frac{9x}{18x^2 + 27x} \div \frac{7x^2}{6x^3 + 9x^2}$$

$$\frac{1}{7x} \div \frac{8}{8x + 80}$$

$$\frac{a^2 + 15a + 50}{a + 9} \div \frac{a - 4}{a + 9}$$

$$\frac{3}{m + 3} \div \frac{8}{8m - 56}$$

$$\frac{6x^2 - 18x}{6x} \div \frac{1}{2x}$$

$$\frac{9p}{p+2} \div \frac{9p}{3p+6}$$

$$\frac{35x^3 - 40x^2}{21x - 24} \div \frac{5x^2}{10}$$

$$\frac{9b^3 - 9b^2}{4b^3 + 32b^2} \div \frac{1}{b+8}$$