

Divide Rational Expressions

Divide the rational expressions.

$$\frac{9g}{g-5} \div \frac{9g}{7g-35}$$

$$\frac{16k-88}{3} \div \frac{8k-44}{3k}$$

$$\frac{54d-36}{7} \div \frac{66d-44}{7d}$$

$$\frac{66n+24}{5} \div \frac{99n+36}{5n}$$

$$\frac{120y+132}{2} \div \frac{90y+99}{2y}$$

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Divide the rational expressions.

$$\frac{9g}{g-5} \div \frac{9g}{7g-35}$$
$$= 7$$

$$\frac{16k-88}{3} \div \frac{8k-44}{3k}$$
$$= 2k$$

$$\frac{54d-36}{7} \div \frac{66d-44}{7d}$$
$$= \frac{9d}{11}$$

$$\frac{66n+24}{5} \div \frac{99n+36}{5n}$$
$$= \frac{2n}{3}$$

$$\frac{120y+132}{2} \div \frac{90y+99}{2y}$$
$$= \frac{4y}{3}$$

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$$= \frac{4y}{3}$$