

Dividing Rational Expressions
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Divide. Write answers in simplest form.

Answers

1. $\frac{a^2}{2b} \div \frac{a^4}{4b^3}$

1. $\frac{2b^2}{a^2}$

2. $\frac{3c-1}{36} \div \frac{6c-2}{9}$

2. $\frac{1}{8}$

3. $\frac{d^2-4}{2d} \div (d+2)$

3. $\frac{d-2}{2d}$

4. $\frac{e^2-2e+1}{e^2} \div (e-1)$

4. $\frac{e-1}{e^2}$

5. $\frac{f^3}{f^2+4f+4} \div \frac{f}{f+2}$

5. $\frac{f^2}{f+2}$

6. $\frac{g^2-9}{3g-3h} \div \frac{9-g+g^2}{g^2-h^2}$

6. $\frac{(g+3)(g+h)}{3(g-3)}$

7. $\frac{4a^2+8a+3}{2a^2-5a+3} \div \frac{4a^2-1}{6a^2-9a}$

7. $\frac{3a(2a+3)}{(a-1)(2a-1)}$

8. $\frac{2b^2-18}{b^2+6b-7} \div \frac{4b^2+16b+12}{b^2-1}$

8. $\frac{b-3}{2(b+7)}$

9. $\frac{c^2-c-20}{c^2+7c+12} \div \frac{c^2-10c+25}{c^2+6c+9}$

9. $\frac{c+3}{c-5}$

10. $\frac{3d^2-14d+8}{2d^2-3d-20} \div \frac{24d^2-25d+6}{16d^2+34d-15}$

10. 1

Please visit the Learning Lab for further assistance.