

Lernzielkontrolle Bruchterme

Multiplikation und Division von Bruchtermen:

a) $\frac{5x}{8} \cdot \frac{16x}{15} =$

b) $\frac{4}{3ab} : \frac{b}{6a} =$

● c) $\frac{x^2 - 4}{2x^2} \cdot \frac{4x}{4x - 8} =$

● d) $\frac{m - n}{4} : (m - n)^2 =$

● e) $\frac{x - y}{x^2} : \frac{x^2 - xy}{3x} =$

Addition und Subtraktion von Bruchtermen:

Bilde bei f) + g) die Definitionsmenge!

a) $\frac{4v + 7}{5} - \frac{v - 2}{5} =$

b) $\frac{a}{3} - \frac{2a}{15} =$

c) $\frac{a + 2}{6} + \frac{2a - 1}{12} - \frac{3a - 2}{3} =$

d) $\frac{a - 2}{2b} - \frac{4 - 2a}{4b} =$

● e) $\frac{3}{2x + 2} + \frac{1}{(x + 1)(x + 1)} =$

● f) $\frac{3b}{b - 4} + \frac{4}{(b - 4)^2} + \frac{5}{b^2 - 8b + 16}$

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