Lesson 7-1 &7-2

Multiplying and Dividing Rational Expressions & Adding and Subtracting Rational Expressions

ضرب التعابير النسبية وقسمتها& جمع التعابير النسبية وطرحها

Name: -

Q1 Simplify the expression $\frac{x}{x-4}-\frac{3}{4-x}$

a) $\frac{x+3}{x-4}$

b) $\frac{x-3}{x-4}$

c) $\frac{x-3}{x+4}$

d) $\frac{x-3}{x^2-16}$

Q2 Simplify the expression $\frac{3x^2+x-2}{2x^2-3x-5}$

a) $\frac{x-2}{2x-5}$

b) $\frac{x+1}{2x-5}$

c) $\frac{3x-2}{x+1}$

d) $\frac{3x-2}{2x-5}$

Q3 Simplify the expression $\frac{6c}{5d}\times\frac{15cd^2}{8a}$

a) $\frac{90c^2d^2}{40ad}$

b) $\frac{9c^2d}{4a}$

c) $\frac{9cd^2}{4ad}$

d) $\frac{9cd}{4ad}$

Imad Odeh
IO MATHS ACADEMY
MR.IMAD ODEH
12 G
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