

Worksheet 2015-9EG-00004(4)

Simplify (the denominators are non-zero):

(1) $\frac{1-x}{6x} + \frac{3-2x}{2x^2} - \frac{x^2+x-4}{3x^2}$

(2) $\frac{p-4}{2p+1} \times \left(\frac{4p^2-1}{p^2-6p+8} \div \frac{2p-1}{p^2-4} \right)$

(3) $\frac{7}{t+3} + \frac{2}{t-2}$

(4) $\frac{(x-2)(x+4)+8}{\left(\frac{1}{x}+\frac{1}{2}\right)}$
