

# Assignment

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**Simplify each expression.**

$$1) \frac{2}{3a+5} + \frac{6}{a+4}$$

$$2) \frac{k+1}{k+2} - \frac{2}{3k}$$

$$3) \frac{4}{12p+8} \cdot \frac{21p+14}{2p^2}$$

$$4) \frac{1}{x-5} \div \frac{54x^2}{6x-30}$$

$$5) \frac{21m}{9m-21}$$