Work sheet for class-7

Subject teacher: Mohammed Barkatul Alam Tipu

Algebraic fractions

1) Transform $\dfrac{2a^2+3ab}{4a^2-9b^2}$ into lowest form

2) Reduce the fraction $\dfrac{x^2+5x+6}{x^2+3x+2}$ into lowest form

3) Express the fractions with common denominator: $\dfrac{a}{4x}$ and $\dfrac{b}{2x^2}$

4) Express the fractions with common denominator $\dfrac{2}{a^2-4}$, $\dfrac{5}{a^2+3a-10}$

5) Express the fractions with common denominator $\dfrac{1}{x^2+3x}$, $\dfrac{2}{x^2+5x+6}$, $\dfrac{3}{x^2-x-12}$