Work sheet for class-7

Subject teacher: Barkatul Alam Tipu

Exercise 6.2 Algebraic fractions

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

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

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

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

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