

33. Jun 05
Factorise completely
- $5a^2b + ab^2$
 - $9k^2 - 1$

iii. $2y^2 - 5y + 2$

SIMPLE EQUATIONS

Solve the following equations

1. Jan 92
 $5x - 1 = 8x + 1$

2. G Jun 91
 $3(x - 2) = 15$

3. G Jun 93
 $5(x + 6) = 20$

4. Jun 02
 $2(x - 1) = \frac{5}{2}$

5. Jan 94
 $5x - 3(x - 1) = 39$

6. Jun 95
 $\frac{p-1}{2} - \frac{p-2}{3} = 1$

7. Resit 95
 $8x - 2(3x - 8) = 24$

8. Jun 01
 $6x - 8(3x - 8) = 24$

9. G Jun 92
 $7(2p + 1) - 4(3p + 2) = 0$

10. Jan 02
 $2(3x + 1) - (x + 2)$

11. G Jun 93
 $\frac{1}{t} + 3 = 5$

12. Jan 01
 $\frac{x}{4} + 16 = 2x$

13. Jun 91
 $\frac{x}{5} - 5 = \frac{x}{15} + 4$

14. Jun 92
 $\frac{2x-1}{2} - \frac{x+5}{3} = 2$

15. Jun 96
 $\frac{4x+5}{2} - \frac{9+2x}{3} = 0$

16. Jan 99
 $\frac{2x-3}{2} - \frac{x+4}{4} = 1$

17. Jan 03
 $\frac{x+2}{2} - \frac{x-1}{3} = 2$

18. Jun 97
 $\frac{3x+1}{3} - \frac{x-2}{2} = 2 + \frac{2x-3}{3}$

19. Jun 89
 $3\frac{(x-2)}{2} - \frac{x-3}{4} = 4$

Word Problems

20. Jun 90
The ratio of the prices of two different sheets of glass is 2 : 5. The total bill for 20 sheets of the cheaper glass and 10 sheets of the more expensive one is \$1080. If d represents the cost of one sheet of the cheaper glass, determine