

FACTORISATION OF DIFFERENCE OF TWO SQUARES (2)

1 (i) $25a^2 - 36b^2$ (ii) $16 - 9y^2$ (iii) $1 - 100a^2$ (iv) $4x^2 - 81y^2$

(v) $\frac{4}{25} - 25b^2$

2 (i) $(a+2b)^2 - a^2$ (ii) $(5a-3b)^2 - 16b^2$ (iii) $1 - 25(a+b)^2$

3 (i) $4(2a+b)^2 - (a-b)^2$ (ii) $25(2x+y)^2 - 16(x-y)^2$

(iii) $49(x-y)^2 - 9(2x+y)^2$

4 (i) $(6\frac{2}{3})^2 - (2\frac{1}{3})^2$ (ii) $(7\frac{3}{10})^2 - (2\frac{1}{10})^2$ (iii) $(0.7)^2 - (0.3)^2$

(iv) $(4.5)^2 - (1.5)^2$

5 (i) $75(x+y)^2 - 48(x-y)^2$
