## **Difference of Two Squares Homework**

1) Factorise:	2) Factorise:
a) x <sup>2</sup> - 49	a) a <sup>2</sup> - 25
b) x <sup>2</sup> - 121	b) 36 - b <sup>2</sup>
3) Factorise:	4) Factorise:
a) 4x <sup>2</sup> - 81	a) 64x <sup>2</sup> - 9y <sup>2</sup>
$(h) 0x^2 = 10$	$(100)^2$ 100 $(100)^2$
b) 9x <sup>2</sup> - 16	b) 100x <sup>2</sup> - 169y <sup>2</sup>
b) 9x <sup>2</sup> - 16	b) 100x <sup>2</sup> - 169y <sup>2</sup>

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