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| **Match-Up** | **More Complex Factorising** |

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| **1** | $$4x^{2}-9y^{2}$$ |  | **A** | $$4(x+3y)(x-3y)$$ |
| **2** | $$4x^{2}+12xy+9y^{2}$$ |  | **B** | $$(2x+3y)(3x+2y)$$ |
| **3** | $$4x^{2}-35xy-9y^{2}$$ |  | **C** | $$x(2x+3y)(2x-3y)$$ |
| **4** | $$4x^{2}-36y^{2}$$ |  | **D** | $$2(2x+y)(x-2y)$$ |
| **5** | $$4x^{4}-9y^{6}$$ |  | **E** | $$(x+4y)(3x+2y)$$ |
| **6** | $$(2x+3y)^{2}-(x-y)^{2}$$ |  | **F** | $$(2x-3y)(2x+3y)$$ |
| **7** | $$4x^{2}-6xy-4y^{2}$$ |  | **G** | $$(2x^{2}+y)^{2}$$ |
| **8** | $$(2x+3y)^{2}+(2x+3y)(x-y)$$ |  | **H** | $$(2x^{2}+3y^{3})(2x^{2}-3y^{3})$$ |
| **9** | $$4x^{3}-9xy^{2}$$ |  | **I** | $$(2x+3y)^{2}$$ |
| **10** | $$(2x-3y)^{2}-(x+5y)^{2}$$ |  | **J** | $$x(3x+4y)(3x-y)$$ |
| **11** | $$4x^{4}+4x^{2}y+y^{2}$$ |  | **K** | $$(4x+y)(x-9y)$$ |
| **12** | $$9x^{3}+9x^{2}y-4xy^{2}$$ |  | **L** | $$(3x+2y)(x-8y)$$ |

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| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
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