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| **Match-Up** | **Equivalent Quadratic Expressions** |

Find matching threes of equivalent quadratic expressions.

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| **1** | $$x^{2}+6x$$ |  | **A** | $$(x-10)(x+2)$$ |  | **a** | $$(x+6)^{2}-1$$ |
| **2** | $$x^{2}-10x+9$$ |  | **B** | $$4x(x-4)$$ |  | **b** | $$\left(x-\frac{3}{2}\right)^{2}-\frac{121}{4}$$ |
| **3** | $$x^{2}+2x-3$$ |  | **C** | $$(x+7)(x+5)$$ |  | **c** | $$(x-5)^{2}-16$$ |
| **4** | $$x^{2}-8x-20$$ |  | **D** | $$x(x+6)$$ |  | **d** | $$4\left(x-\frac{1}{2}\right)^{2}-16$$ |
| **5** | $$x^{2}+6x-7$$ |  | **E** | $$(2x+3)^{2}$$ |  | **e** | $$(x+3)^{2}-9$$ |
| **6** | $$x^{2}+12x+35$$ |  | **F** | $$(x+3)(x-1)$$ |  | **f** | $$\left(x+\frac{3}{2}\right)^{2}-\frac{49}{4}$$ |
| **7** | $$x^{2}+3x-10$$ |  | **G** | $$(2x-5)(2x+3)$$ |  | **g** | $$4\left(x-2\right)^{2}-16$$ |
| **8** | $$x^{2}-3x-28$$ |  | **H** | $$(2x+3)(2x-9)$$ |  | **h** | $$\left(x+3\right)^{2}-16$$ |
| **9** | $$4x^{2}-16x$$ |  | **I** | $$(x+5)(x-2)$$ |  | **i** | $$4\left(x+\frac{3}{2}\right)^{2}$$ |
| **10** | $$4x^{2}+12x+9$$ |  | **J** | $$(x-7)(x+4)$$ |  | **j** | $$(x-4)^{2}-36$$ |
| **11** | $$4x^{2}-4x-15$$ |  | **K** | $$(x-9)(x-1)$$ |  | **k** | $$4\left(x-\frac{3}{2}\right)^{2}-36$$ |
| **12** | $$4x^{2}-12x-27$$ |  | **L** | $$(x-1)(x+7)$$ |  | **l** | $$(x+1)^{2}-4$$ |

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