|  |  |
| --- | --- |
| **Match-Up** | **Expanding Double Brackets** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | $$(x+4)(x+3)$$ |  | **7** | $$(x+3)(x-3)$$ |  | **13** | $$(x-7)(x-1)$$ |
| **2** | $$(x+2)(x+6)$$ |  | **8** | $$(x-6)(x-2)$$ |  | **14** | $$(4+x)(x-3)$$ |
| **3** | $$(x+1)(x+7)$$ |  | **9** | $$(x-3)(x-4)$$ |  | **15** | $$(x+4)(2x+3)$$ |
| **4** | $$(x-6)(x+2)$$ |  | **10** | $$(x+1)^{2}$$ |  | **16** | $$(2x+1)(x+3)$$ |
| **5** | $$(x-4)(x+3)$$ |  | **11** | $$(x-1)(x+1)$$ |  | **17** | $$(2x+3)(x-4)$$ |
| **6** | $$(x-1)(x+7)$$ |  | **12** | $$(x-3)^{2}$$ |  | **18** | $$(2x+3)^{2}$$ |
|  |  |  |  |  |  |  |  |
| **A** | $$x^{2}-9$$ |  | **G** | $$x^{2}+6x-7$$ |  | **M** | $$x^{2}+8x+7$$ |
| **B** | $$x^{2}-7x+12$$ |  | **H** | $$x^{2}-1$$ |  | **N** | $$2x^{2}-5x-12$$ |
| **C** | $$4x^{2}+12x+9$$ |  | **I** | $$2x^{2}+7x+3$$ |  | **P** | $$x^{2}-6x+9$$ |
| **D** | $$x^{2}-8x+7$$ |  | **J** | $$x^{2}+7x+12$$ |  | **Q** | $$x^{2}-4x-12$$ |
| **E** | $$2x^{2}+11x+12$$ |  | **K** | $$x^{2}-8x+12$$ |  | **R** | $$x^{2}-x-12$$ |
| **F** | $$x^{2}+2x+1$$ |  | **L** | $$x^{2}+8x+12$$ |  | **S** | $$x^{2}+x-12$$ |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |