Match-Up

**Expanding Brackets with Indices**

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

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