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| **Fill in the Blanks** | **Expanding Repeated Brackets** |

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| **Question** | **Multiply first two brackets** | **Simplify first two brackets** | **Multiply by third bracket** | **Simplified Answer** |
| $$(x+3)(x-2)^{2}$$$$=(x+3)(x-2)(x-2)$$ | $$×$$ | $$x$$ | $$+3$$ | $$x^{2}+x-6$$ | $$×$$ | $$x^{2}$$ | $$+x$$ | $$-6$$ |  |
| $$x$$ | $$x^{2}$$ | $$+3x$$ | $$x$$ |  |  |  |
| $$-2$$ | $$-2x$$ | $$-6$$ | $$-2$$ |  |  |  |
| $$(y-5)(y+1)^{2}$$ | $$×$$ |  |  |  | $$×$$ |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| $$(t+6)(3t-2)^{2}$$ | $$×$$ |  |  |  | $$×$$ |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| $$(x+4)^{3}$$ | $$×$$ |  |  |  | $$×$$ |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| $$(2y-3)^{3}$$ | $$×$$ |  |  |  | $$×$$ |  |  |  |  |
|  |  |  |  |  |  |  |
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