Fill In The Blanks…

**Expanding and Factorising Revision**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Expanded Expression** | **Factorised Expression** |  | **Expanded Expression** | **Factorised Expression** |
| $$2x+8$$ | $$2(x+4)$$ |  | $$x^{2}-7x+10$$ |  |
|  | $$3(x-2)$$ |  |  | $$(x-6)(x+4)$$ |
|  | $$x(x+7)$$ |  |  | $$(x+7)(x-7)$$ |
| $$5x+35$$ |  |  | $$x^{2}+2x-15$$ |  |
| $$8x-12$$ |  |  | $$x^{2}-25$$ |  |
|  | $$2x(x-5)$$ |  |  | $$(2x+1)(x+5)$$ |
| $$x^{2}-x$$ |  |  | $$x^{2}-x-6$$ |  |
|  | $$5x(3-x)$$ |  | $$x^{2}+3x$$ |  |
| $$10x^{2}+2x$$ |  |  |  | $$(3x-1)(x-2)$$ |
| $$6x+9y$$ |  |  | $$4x^{2}-25$$ |  |
|  | $$4xy(x+2)$$ |  |  | $$(x+5)^{2}$$ |
| $$6xy-4y^{2}$$ |  |  | $$7x^{2}+10x+3$$ |  |
|  | $$(x+2)(x+3)$$ |  |  | $$(3x-1)^{2}$$ |
|  | $$(x+5)(x-3)$$ |  | $$4x^{2}+4x+1$$ |  |
| $$x^{2}+8x+15$$ |  |  | $$5x^{2}-14x-3$$ |  |
| $$x^{2}+3x+2$$ |  |  |  | $$(x-2)^{3}$$ |