Fill In The Blanks…

**Factorising by Taking Out Common Factors**

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| --- | --- | --- | --- |
| **Expanded Expression** | **HCF of Numbers** | **HCF of Variables** | **Factorised Expression** |
| $$7x+14$$ | $$7$$ |  | $$7(x+2)$$ |
| $$20+30a$$ | $$10$$ |  |  |
| $$15b-5$$ | $$5$$ |  |  |
| $$12x+15$$ |  |  |  |
| $$30a-12b$$ |  |  |  |
| $$8cd+de$$ |  | $$d$$ |  |
| $$10a+ab$$ |  |  |  |
| $$x^{2}-5x$$ |  | $$x$$ |  |
| $$6x^{2}+xy$$ |  |  |  |
| $$4ab+8b$$ | $$4$$ | $$b$$ |  |
| $$10cd-25de$$ | $$5$$ | $$d$$ |  |
| $$4x^{2}+2x$$ |  |  |  |
| $$14xy-21x^{2}$$ |  |  |  |
| $$6x+3-9y$$ |  |  |  |
| $$5x^{2}-10xy+20x$$ |  |  |  |
| $$24a^{2}b+16abc$$ |  |  |  |
| $ -18xyz$ |  |  |  |
|  |  |  |  |
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