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| **Fill in the Blanks** | **Using Constant Acceleration Formulae** |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| $s$ **(m)** | $u$ **(ms-1)** | $v$ **(ms-1)** | $a$ **(ms-2)** | $t$ **(s)** | **Formula** | **Working** | **Answer** |
| $$-$$ | $$20$$ | $$v$$ | $$3$$ | $$5$$ | $$v=u+at$$ |  |  |
| $$s$$ | $$6.2$$ | $$9.8$$ | $$-$$ | $$2$$ |  |  |  |
| $$-$$ | $$12$$ | $$18$$ | $$1.5$$ | $$t$$ |  |  |  |
| $$s$$ | $$15$$ | $$-$$ | $$2.25$$ | $$4$$ |  |  |  |
| $$87.5$$ | $$-$$ | $$v$$ | $$9.8$$ | $$5$$ |  |  |  |
| $$80$$ | $$0$$ | $$v$$ | $$-$$ | $$10$$ |  |  |  |
| $$-$$ | $$28$$ | $$16$$ | $$-2.4$$ | $$t$$ |  |  |  |
| $$325$$ | $$u$$ | $$35$$ | $$-$$ | $$13$$ |  |  |  |
| $$-$$ | $$3.5$$ | $$10$$ | $$a$$ | $$3.25$$ |  |  |  |