Match-Up

 **Solving Quadratics by Factorising**

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| --- | --- | --- | --- | --- |
| **1** | $$\left(x-4\right)\left(x-3\right)=0$$ |  | **10** | $$x^{2}+5x-36=0$$ |
| **2** | $$\left(x-6\right)\left(x+2\right)=0$$ |  | **11** | $$x^{2}+4x-5=0$$ |
| **3** | $$\left(x+5\right)\left(x+3\right)=0$$ |  | **12** | $$x^{2}-8x+15=0$$ |
| **4** | $$\left(x+3\right)\left(x-6\right)=0$$ |  | **13** | $$x^{2}+3x=18$$ |
| **5** | $$x^{2}+7x+12=0$$ |  | **14** | $$x^{2}+6=5x$$ |
| **6** | $$x^{2}-9x+18=0$$ |  | **15** | $$x^{2}=6+x$$ |
| **7** | $$x^{2}+x-6=0$$ |  | **16** | $$x(x-10)=5x-36$$ |
| **8** | $$x^{2}-6x+5=0$$ |  | **17** | $$6x=x^{2}+8$$ |
| **9** | $$x^{2}+13x+36=0$$ |  | **18** | $$x^{2}+9x+6=x-6$$ |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **A** | $$x=-2, x=3$$ |  | **G** | $$x=3, x=4$$ |  | **M** | $$x=1, x=-5$$ |
| **B** | $$x=6, x=-3$$ |  | **H** | $$x=-6, x=-2$$ |  | **N** | $$x=3, x=-6$$ |
| **C** | $$x=-9, x=4$$ |  | **I** | $$x=1, x=5$$ |  | **O** | $$x=-3, x=-5$$ |
| **D** | $$x=4, x=2$$ |  | **J** | $$x=3, x=6$$ |  | **P** | $$x=6, x=-2$$ |
| **E** | $$x=-3, x=-4$$ |  | **K** | $$x=2, x=3$$ |  | **Q** | $$x=3, x=5$$ |
| **F** | $$x=12, x=3$$ |  | **L** | $$x=-9, x=-4$$ |  | **R** | $$x=-3, x=2$$ |

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| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
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