

**Exercise on Solving Equations**

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1. Solve the following equations **by factorising**.

**Answers without any factorisation will be given no marks.**

(a)  $x^2 + 11x + 30 = 0$

.....  
(2)

(b)  $y^2 - 7y = 0$

.....  
(2)

(c)  $3x^2 + 7x - 6 = 0$

.....  
(3)

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2. Solve using **any method**, leaving your answers correct to 1 decimal place where necessary.

**Answers without clear steps will be given no marks.**

(a)  $3x(x - 1) + 8 = x(2x + 3)$

.....  
(4)

(b)  $x^2 - 6x - 2 = 0$

.....  
(3)

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**- End of Test -**