**7** (i) Factorise $x^2 + 2x - 48$

.....

**(2)**

(ii) Hence, solve $x^2 + 2x - 48 = 0$

.....

**(1)**

**(Total for Question 7 is 3 marks)**

**8** (a) Write $5.76 \times 10^4$ as an ordinary number.

.....

**(1)**

(b) Work out $\dfrac{3 \times 10^5 + 8 \times 10^3}{4 \times 10^{-2}}$

Give your answer in standard form.

.....

**(2)**

**(Total for Question 8 is 3 marks)**

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