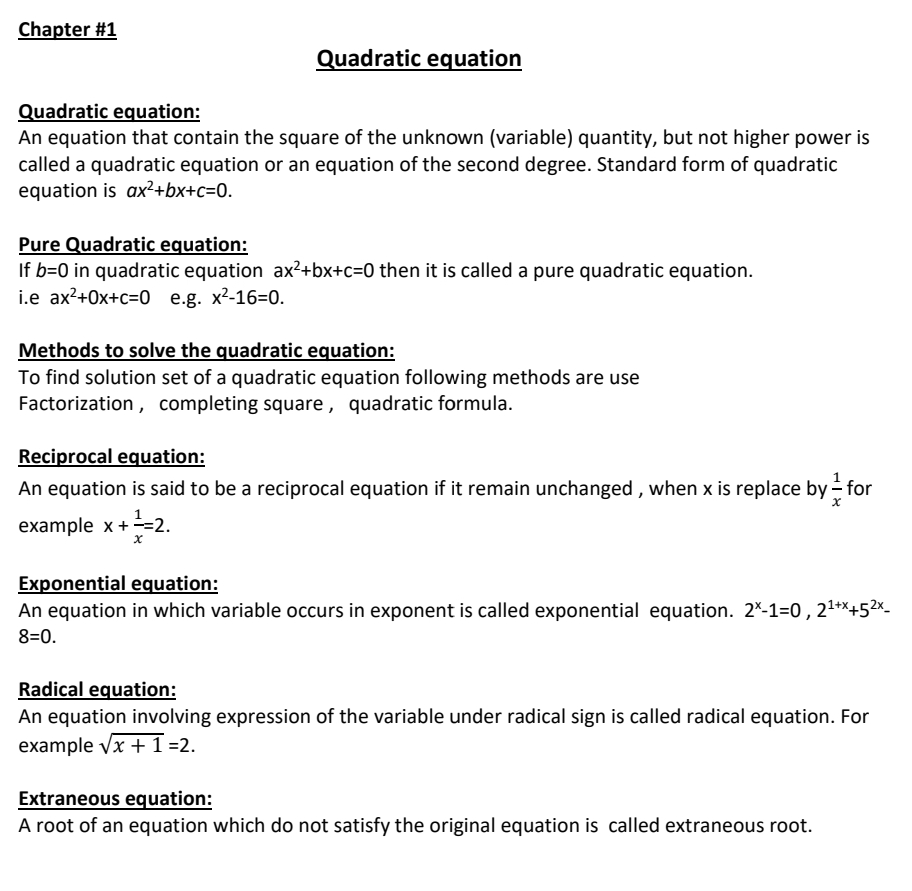
**Pakistan School , Kingdom of Bahrain**

**E- Support and Learning Material**

**Subject: Math’s (science) Grade : 10**

**Definitions**

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**Pakistan School , Kingdom of Bahrain**

**E- Support and Learning Material**

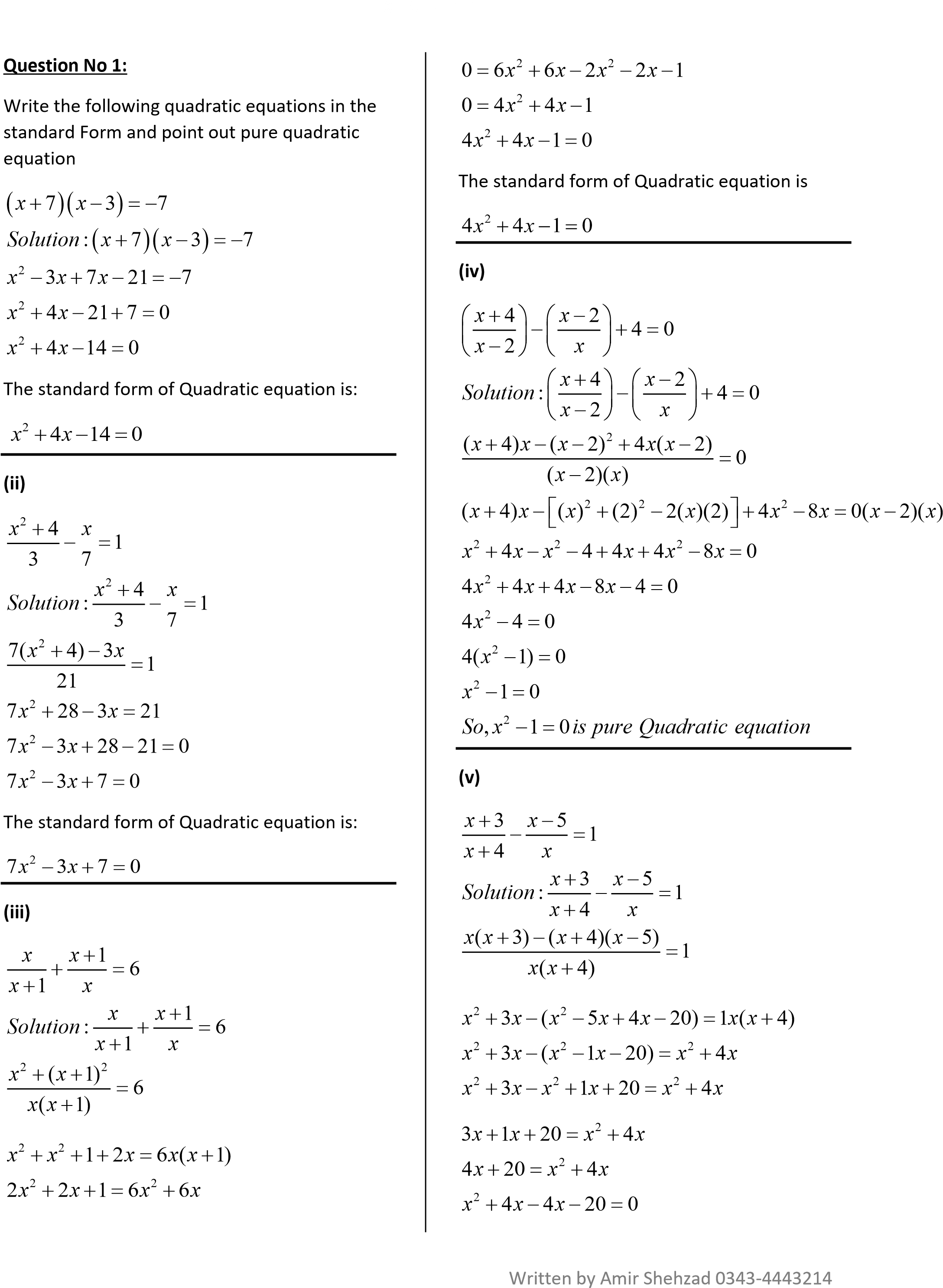
**Subject: Math’s (science) Grade : 10**

**Unit 1: Quadratic Equations**

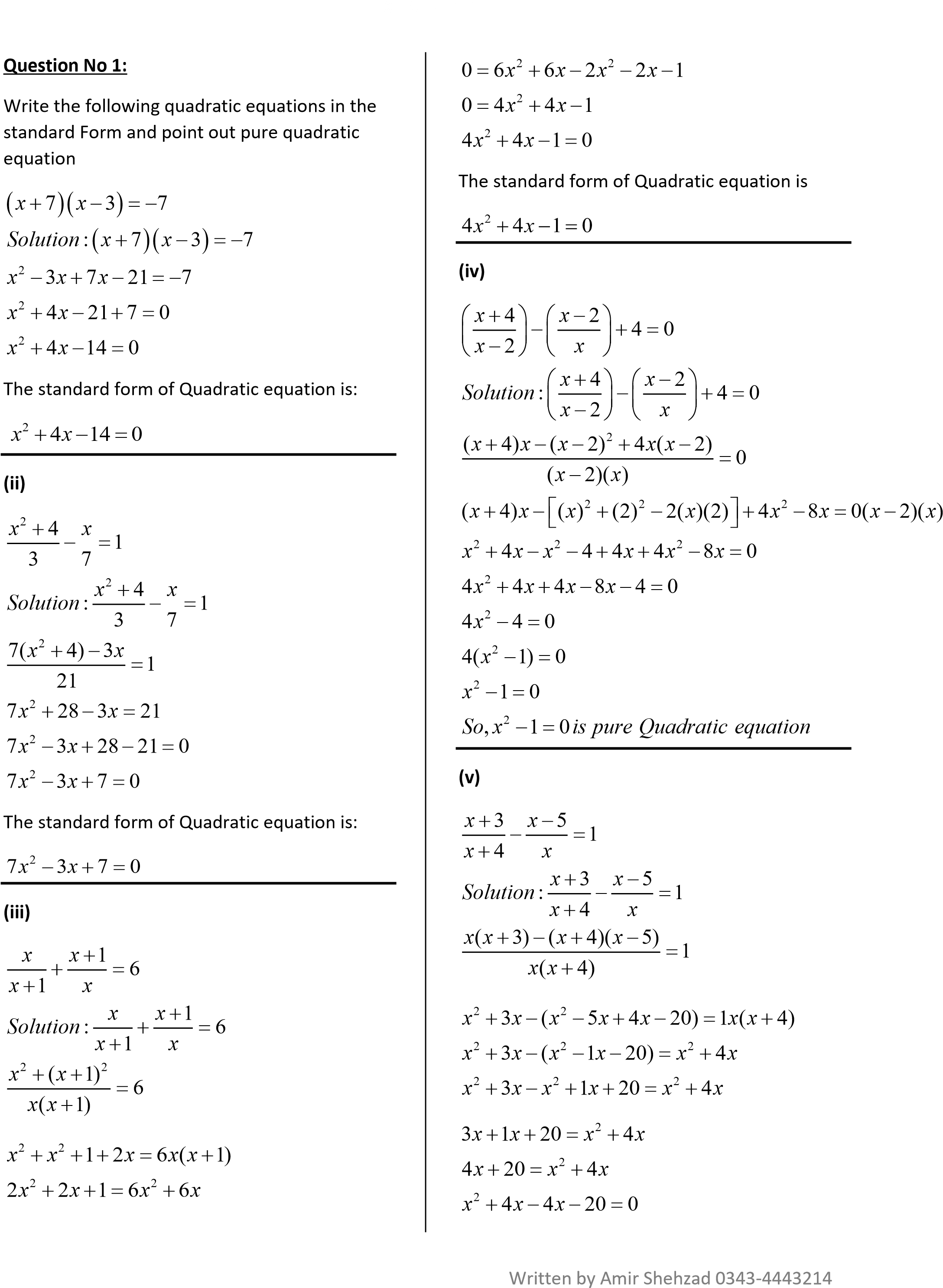
***Exercise 1.1***

**Q1. Write the following quadratic equations in the standard form and point out pure quadratic equations**

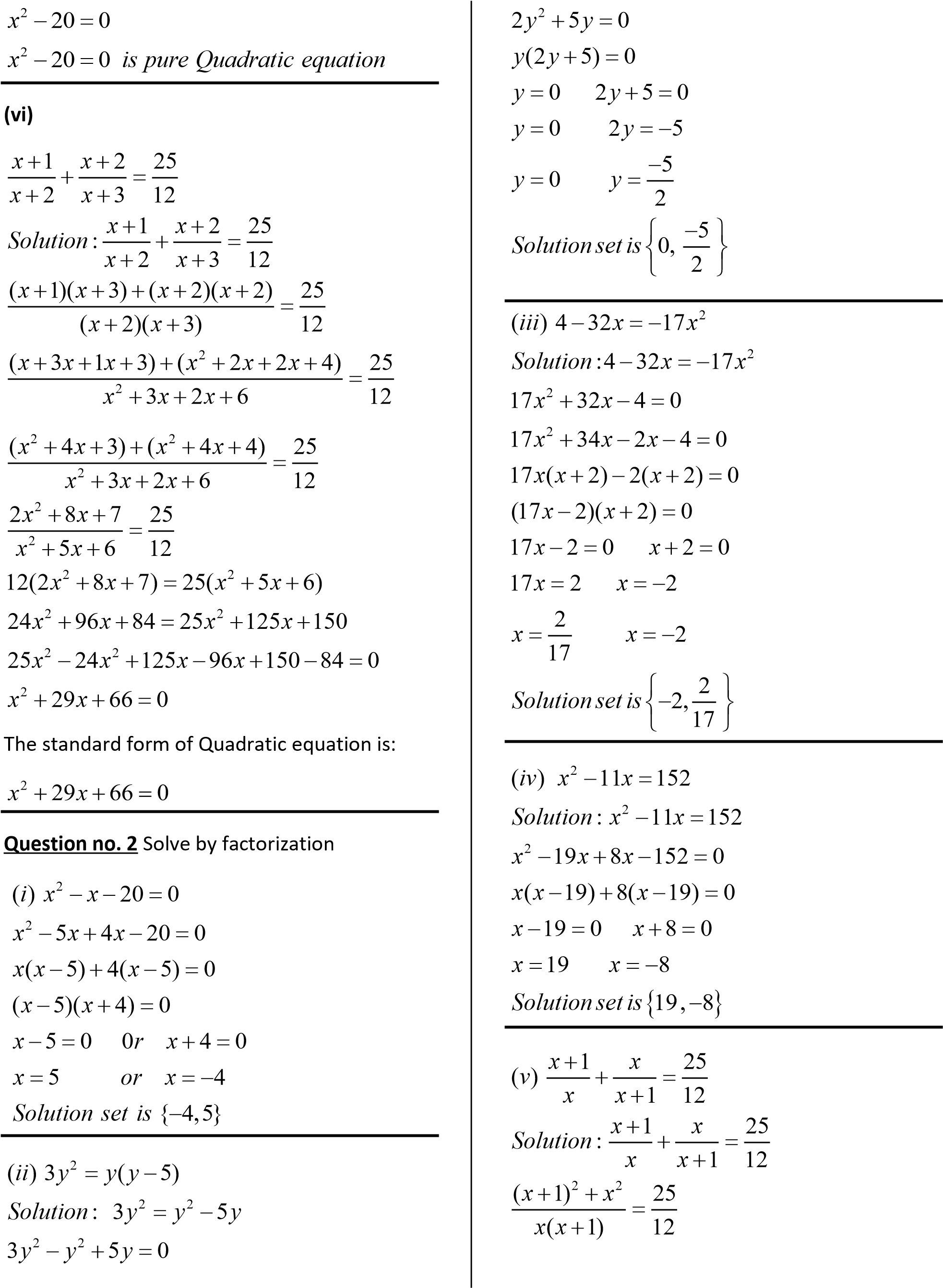
**(i)**

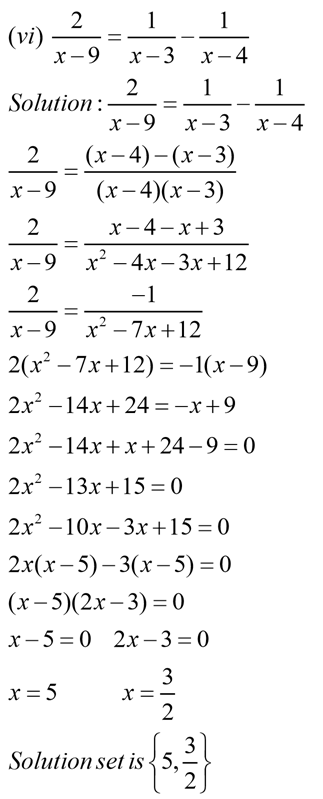


**(iv)**



**Q2. Solve by factorization**



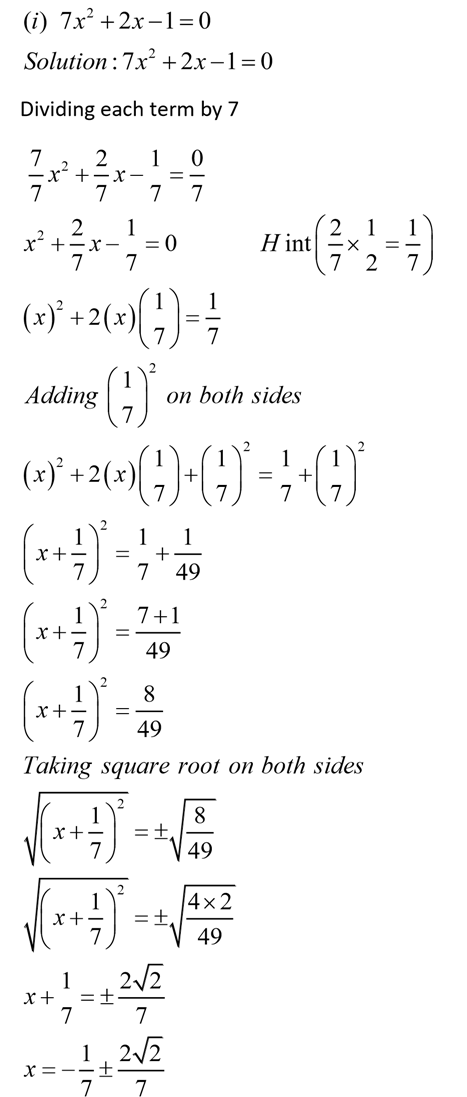


**Activity**

1. Write the given equation in standard form

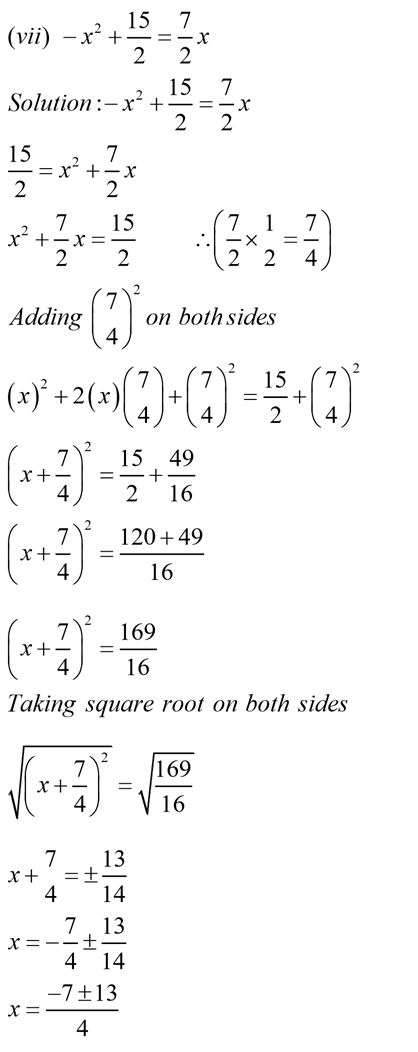
2) Solve using factorization

**Q3. Solve the following equations by completing square**



**Activity**

1) Solve using completing square method



**Homework**

1) Write the given equation in standard form

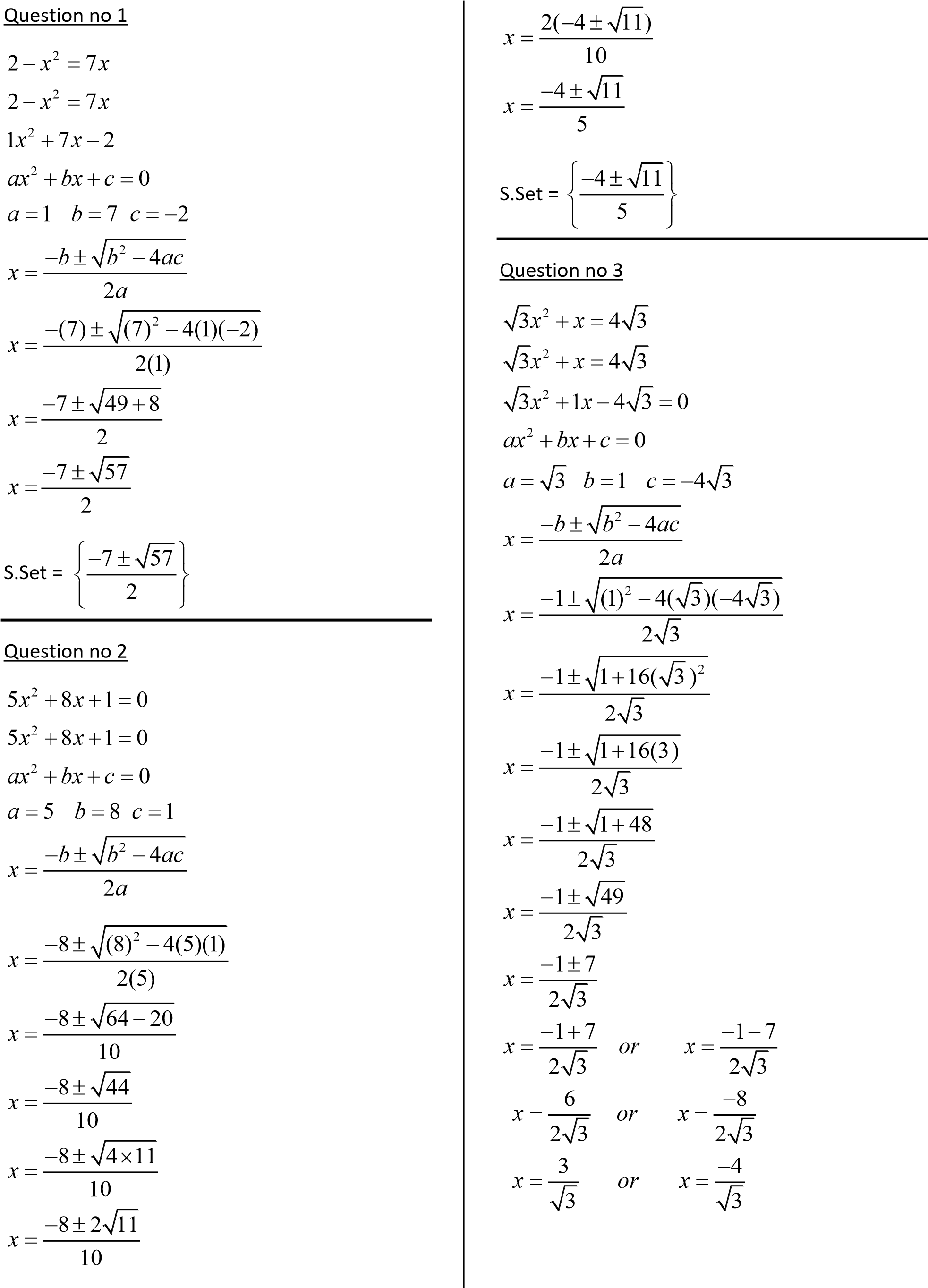
2) Solve using factorization

3) Solve using completing square method

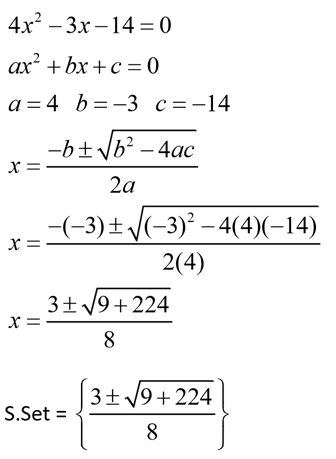
***Exercise 1.2***

**Q1. Solve the following equations using quadratic formula**

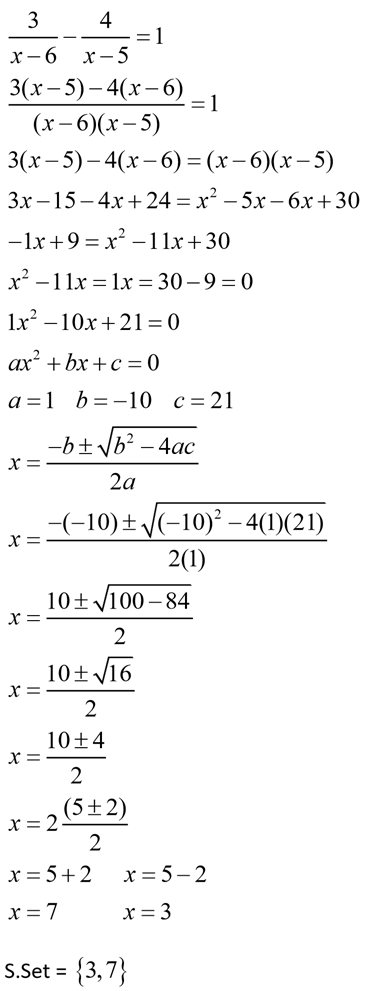
(i)



(iv)



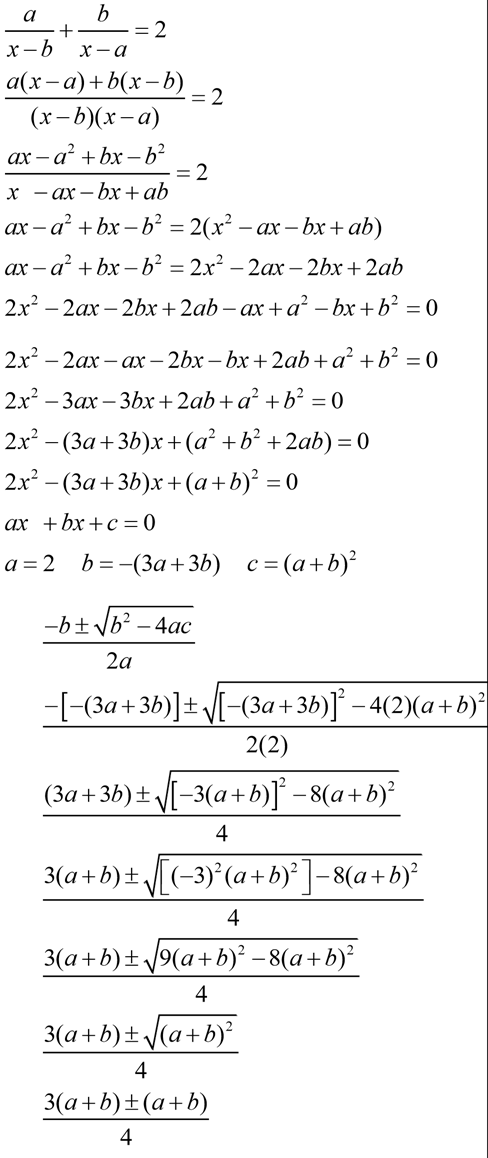
(vii)

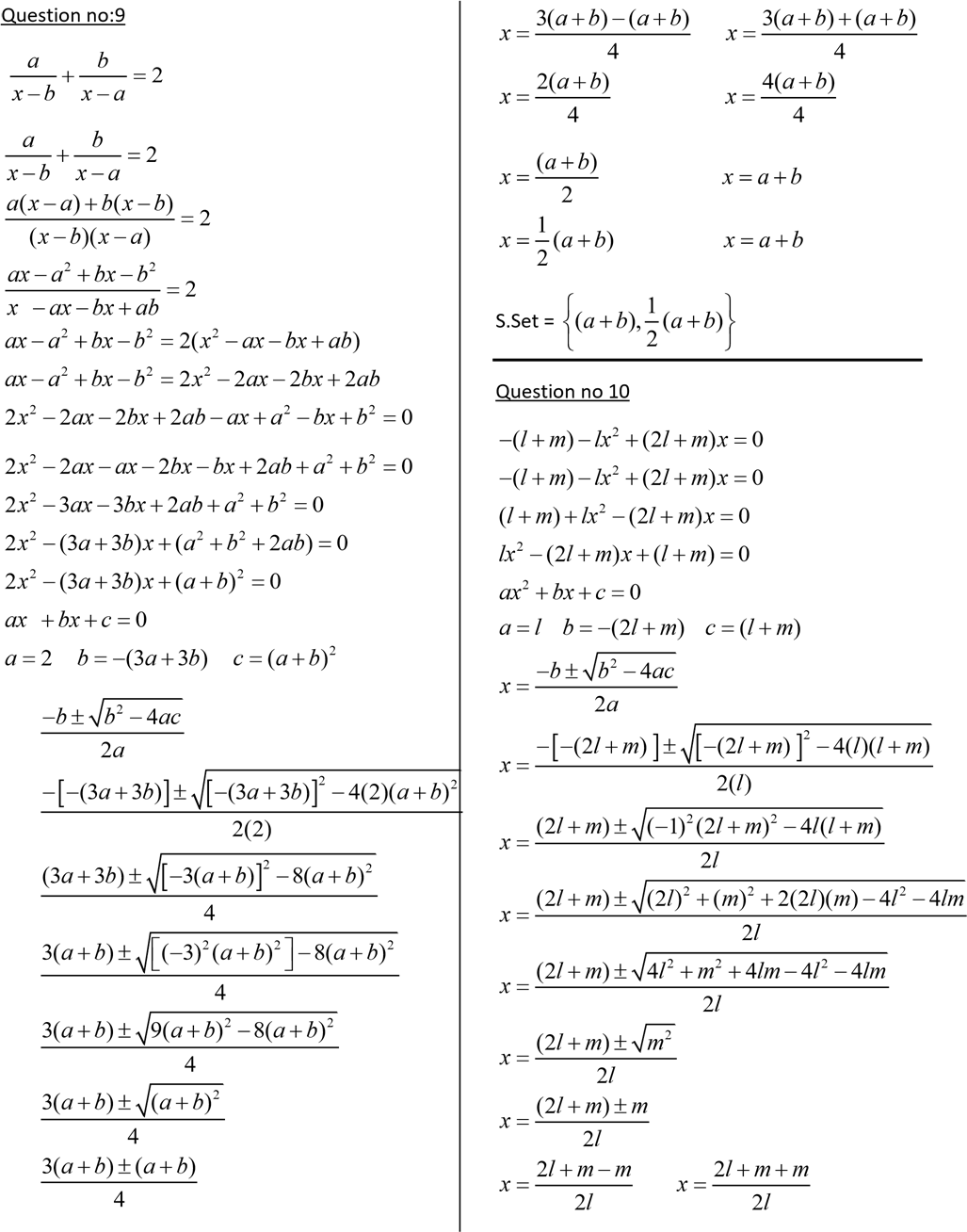


**Activity**

Q. Solve using quadratic formula

(ix)



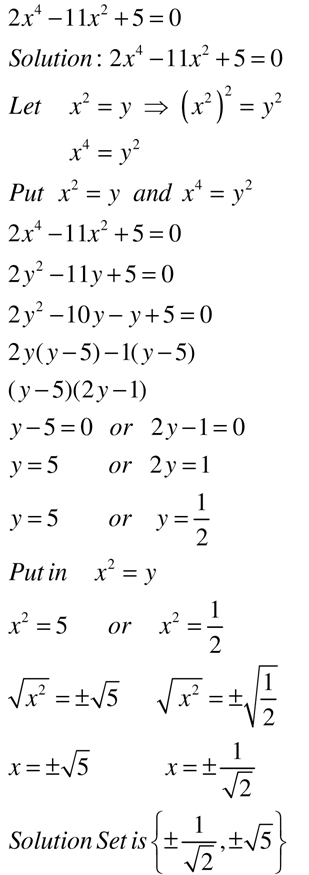
  
**Homework**

Q. Solve using quadratic formula

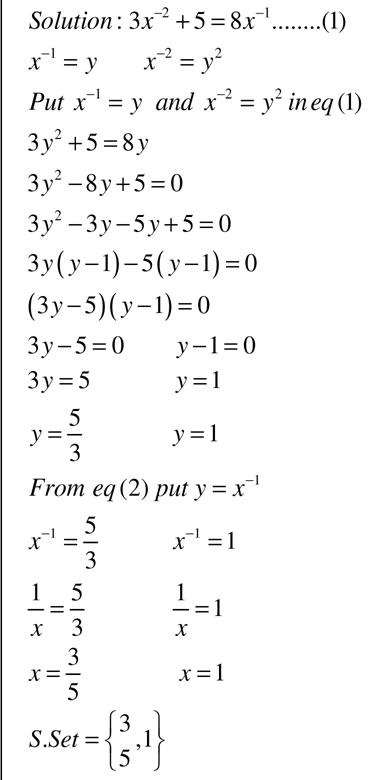
***Exercise 1.3***

**Q. Solve the following equations**

(1)



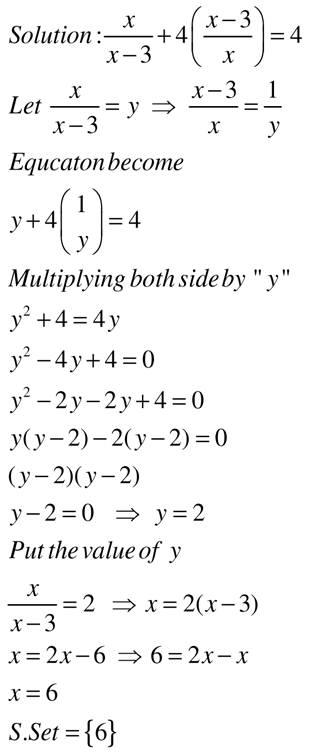
(5)



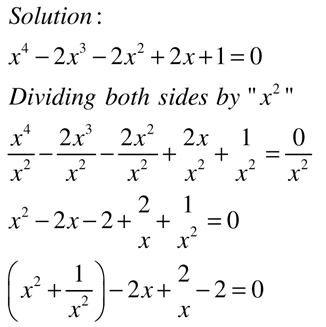
**Activity**

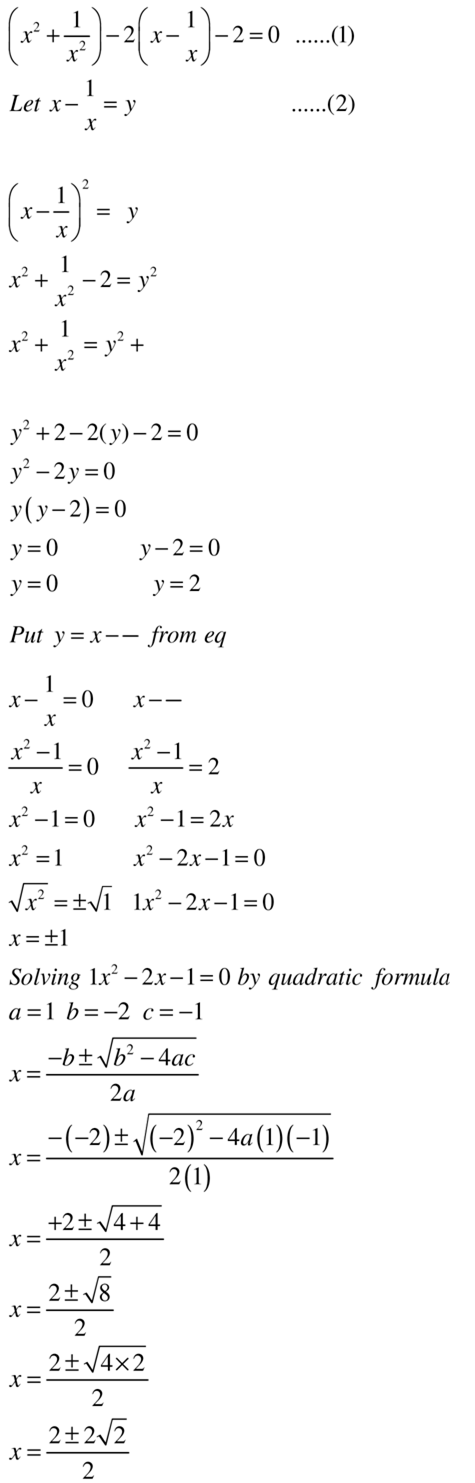
Q. Solve the following equations

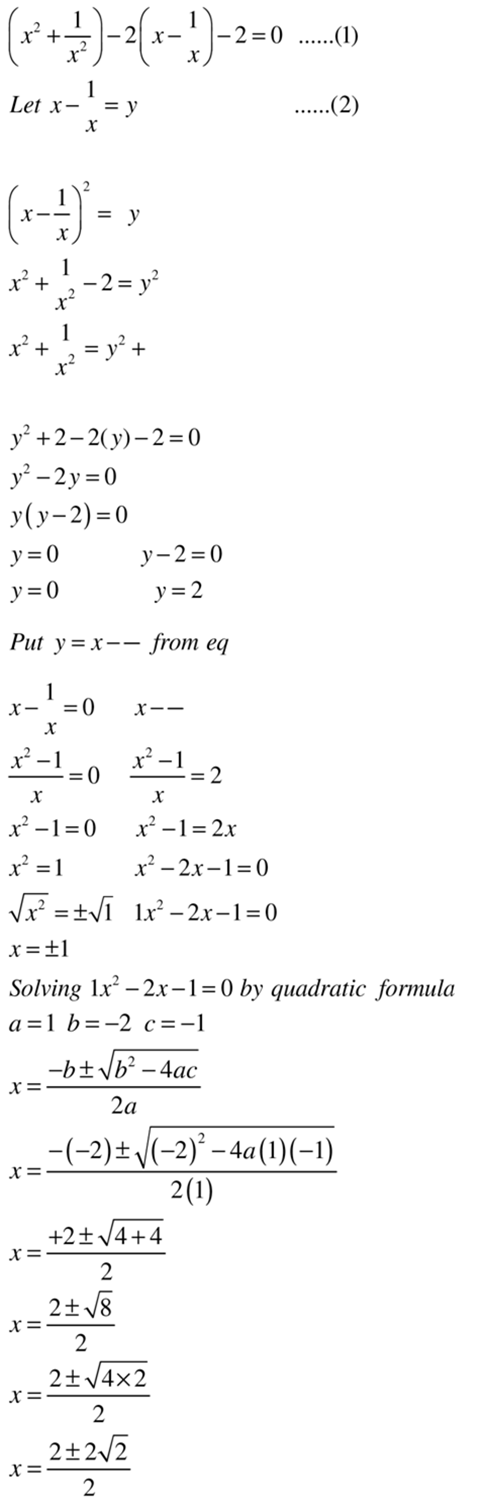
(7)



(10)





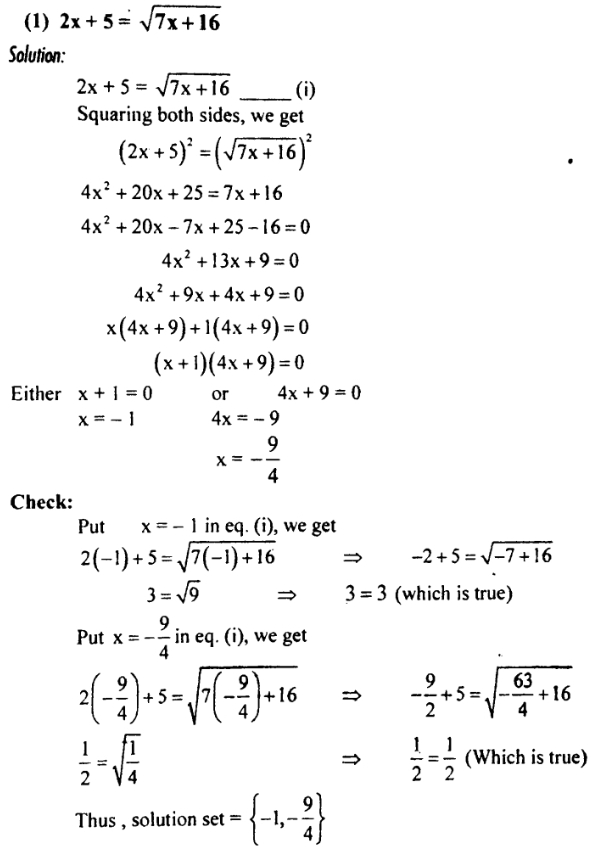


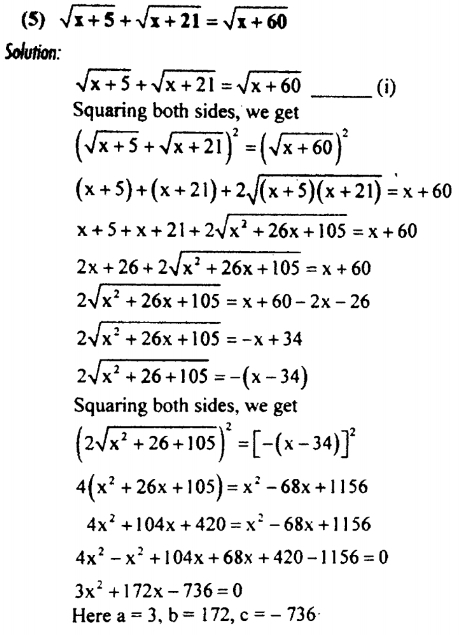
**Homework**

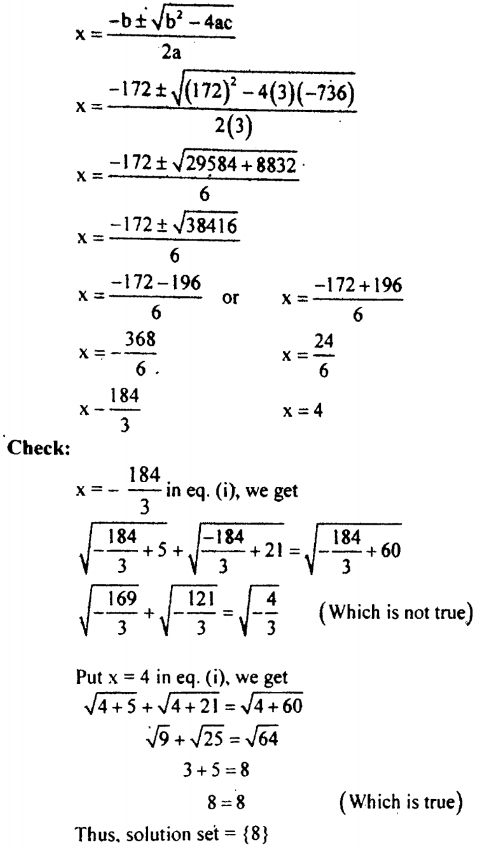
Q. Solve the following equations

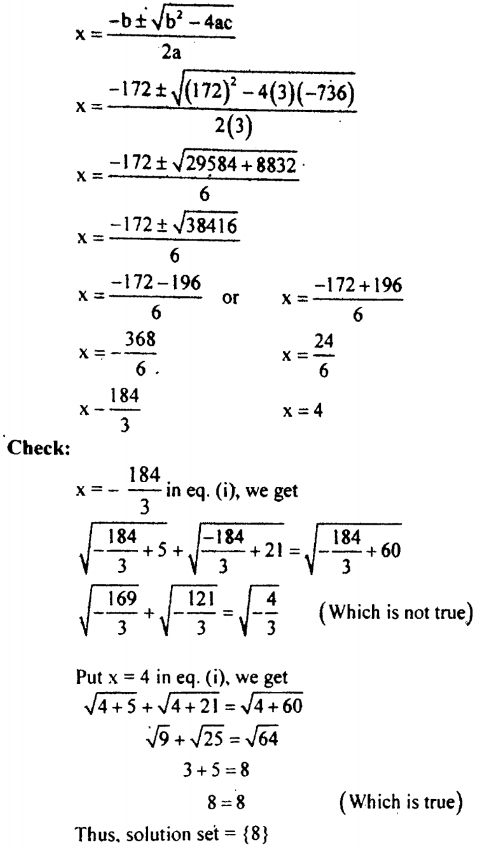
***Exercise 1.4***

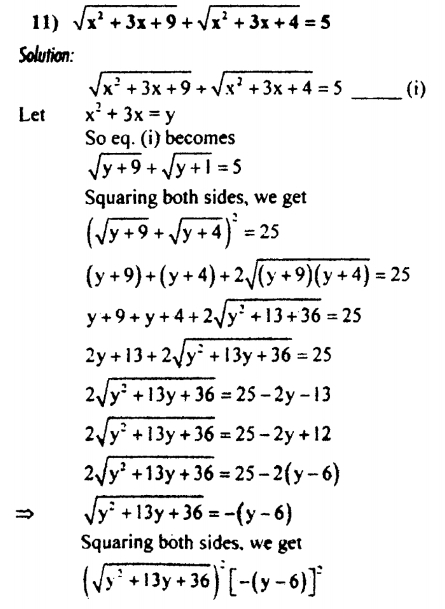
**Q. Solve the following equations**

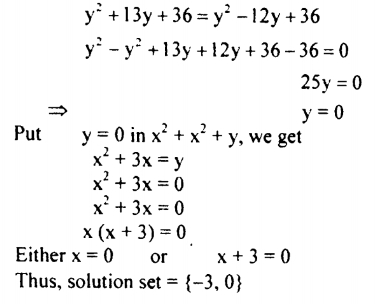












**Activity**

Q. Solve the following equation

**Homework**

Q. Solve the following equation

