### 2.1 Combination By Subtraction

Solve these pairs of simultaneous equations.
NOTICE : You'll combine the equations by SUBTRACTION, not addition.

### 2.2 Exercise

Marks Available : 24
Question 1
$4 y+3 x=17$
$2 y+3 x=13\}$

## Question 2

$4 y+3 x=15$
$2 y+3 x=9\}$

## Question 3

$5 y+2 x=25$
$2 y+2 x=16\}$

## Question 4

$\left.\begin{array}{l}6 y+5 x=44 \\ 2 y+5 x=28\end{array}\right\}$

## Question 5

$\left.\begin{array}{l}9 y+4 x=55 \\ 5 y+4 x=43\end{array}\right\}$

## Question 6

$7 y+4 x=23$
$2 y+4 x=8\}$

## Question 7

$\left.\begin{array}{l}16 y+3 x=16 \\ 12 y+3 x=15\end{array}\right\}$
[ 3 marks ]

## Question 8

$$
\left.\begin{array}{r}
12 y+12 x=10 \\
2 y+12 x=5
\end{array}\right\}
$$

