# E2.5 Simultaneous Linear 

## Equations

## Question Paper

| Level | IGCSE |
| :--- | :--- |
| Subject | Maths (0580) |
| Exam Board | Cambridge International Examinations (CIE) |
| Level | Core |
| Topic | E2. Algebra and Graphs |
| Sub-Topic | E2.5 Simultaneous Linear Equations |
| Booklet | Question Paper |


| Time Allowed: | $\mathbf{1 2}$ minutes |
| :--- | :---: |
| Score: | $/ 10$ |
| Percentage: | $/ 100$ |

Grade Boundaries:

| A $^{*}$ | A | B | C | D | E | U |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $>85 \%$ | $75 \%$ | $60 \%$ | $45 \%$ | $35 \%$ | $25 \%$ | $<25 \%$ |

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1 Solve the simultaneous equations.
Show all your working.

$$
\begin{aligned}
& 3 x+4 y=14 \\
& 5 x+2 y=21
\end{aligned}
$$

$\qquad$

$$
\begin{equation*}
y= \tag{3}
\end{equation*}
$$

2 Solve the simultaneous equations.
You must show all your working.

$$
\begin{aligned}
& 3 x+4 y=14 \\
& 5 x+2 y=21
\end{aligned}
$$

$$
\begin{aligned}
& x= \\
& y=
\end{aligned}
$$

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3 Solve the simultaneous equations.
You must show all your working.

$$
\begin{aligned}
& 3 x+7 y=-21 \\
& 6 x+4 y=3
\end{aligned}
$$

$$
\begin{aligned}
& x= \\
& y=
\end{aligned}
$$

