Simultaneous
Simul $\overline{\text { taneous }}$ Equations

## Group 2 Questions

Name: $\qquad$
Date: $\qquad$

Solve the equations:
Question 1:

$$
\begin{array}{ll}
x+y=12 & x= \\
x-y=8 & y=
\end{array}
$$

Question 2:

$$
\begin{aligned}
& x-y=16 \\
& x+y=28
\end{aligned}
$$

$$
x=
$$

$\qquad$
$y=$ $\qquad$
Question 3:

$$
\begin{array}{ll}
2 x+y=11 & x= \\
x+y=8 & y=
\end{array}
$$

Question 4:

$$
\begin{array}{ll}
2 x-3 y=18 & x= \\
5 x+9 y=-10 & y=
\end{array}
$$

Question 5:

Four pens and six books cost $€ 38$. Two books and one pen cost $€ 9$.

$$
4 x+6 y=€ 38 \quad 2 x+y=€ 9
$$

What does the pen $(x)$ and book $(y)$ cost?

$$
x=\ldots \quad y=
$$

