Practice worksheet | Linear equations and inequalities

Simultaneous equations by graphs, substitution and elimination

Name: _____ Date: _____

6 questions | 14 marks

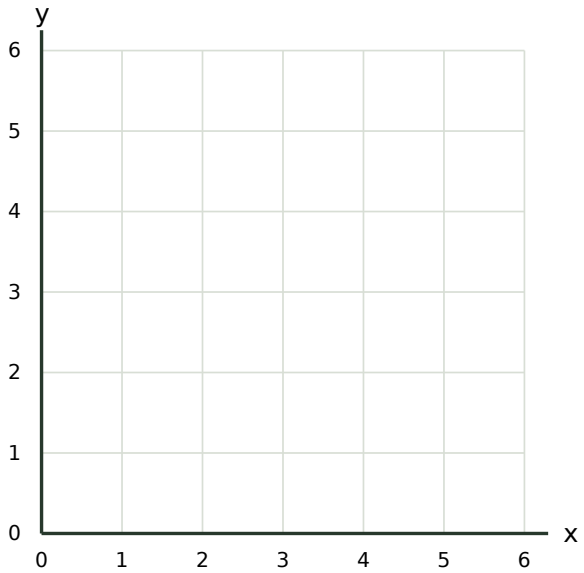
1. Solve $x + y = 9$ and $x - y = 3$. [2 marks]

2. Solve $y = 3x - 1$ and $y = x + 5$. [2 marks]

3. Solve $2x + y = 11$ and $x + 2y = 10$. [2 marks]

4. Solve $3x - 2y = 4$ and $x + y = 8$. [2 marks]

5. On the supplied grid, draw $y = x + 1$ and $y = 5 - x$, then state their intersection. [3 marks]



Draw both lines on this grid

6. Three adult tickets and two child tickets cost 46 dollars. One adult ticket and two child tickets cost 26 dollars. Find both prices. [3 marks]