IGCSE Sim Eq

1.

Solve the simultaneous equations.

$$\frac{2x + y}{2} = 7$$

$$\frac{2x - y}{2} = 17$$

A ———→

Answer x = ...

y = ... [3]

2. Solve the simultaneous equations.

$$3x + y = 30$$
$$2x - 3y = 53$$

Answer x = ...

y = ... [3]

3. Solve the simultaneous equations.

$$x - 5y = 0$$
$$15x + 10y = 17$$

Answer x = ...

y = ... [3]

4.   Solve the simultaneous equations.

$$x + 2y = 3$$
$$2x - 3y = 13$$

Answer x = ...

               y = ...   [3]

5.   Solve the simultaneous equations.

$$3x + 5y = 24$$
$$x + 7y = 56$$

Answer x = ...

               y = ...   [3]

6.   Solve the simultaneous equations.

$$x + 5y = 22$$
$$x + 3y = 12$$

Answer x = ...

               y = ...   [2]

7. Solve the simultaneous equations $2x + y = 5$ and $2y = x - 10$.

Answer x = ...

$y =$ .... [3]

8. Solve the simultaneous equations.
$$5x - y = -10$$
$$x + 2y = 9$$

Answer x = ...

$y =$ .... [3]