**Name:**

**Class:**

Solving equations

Mild

1. The sum of $x$ and 5 is 12. Find the value of $x$.
2. 7 is subtracted from $k$. Represent this expression.
3. 6 and $H$ more is 24. Find the value of $H$.
4. $y$ takeaway $2$ is 9. Find the value of $y$.

Medium

1. Theo has an exam at school and completes it in an hour. The exam has two sections. If he takes 35 minutes to complete the first section, how much time does he have left to complete the second section?
2. Natalie buys almonds for $7 at the market. How much did she pay if she received $23 in change?
3. Suneel and his friends are gaming online. After an hour, 6 friends logged off. Five of them, including Suneel, continue playing. How many were gaming altogether?
4. Bronwyn filled in for a basketball team at her school. The team scored 77 points and won the game. How many points did Bronwyn’s teammates score if Bronwyn scored 23 points?

Spicy

1. Complete the medium questions above, as well as the following questions.
2. Write three equations that all have a solution of $x=2$.
3. $2$ take away $y$ is 9. Find the value of $y$.
4. I’m thinking of a number. If I double it and add 1, I get 12. What is my number? (Write an equation using $x$ to represent the unknown number.)