

*I think of a number, add 1, square it and the answer is 100*

$$x \rightarrow + 2 \rightarrow \div 5 \rightarrow 2$$

*I think of a number, multiply by 3, add 5 and the answer is 11*

$$x \rightarrow ^2 \rightarrow 49$$

$$x \rightarrow \times 3 \rightarrow + 5 \rightarrow 11$$

$$x \rightarrow \div 3 \rightarrow + 2 \rightarrow 6$$

$$x \rightarrow + 1 \rightarrow ^2 \rightarrow 100$$

*I think of a number, square it, subtract 4 and the answer is 96*

$$x \rightarrow ^2 \rightarrow - 4 \rightarrow 96$$

*I think of a number, divide by 3, add 2 and the answer is 6*

$$3x + 5 = 11$$

*I think of a number, square it and the answer is 49*

$$x^2 = 49$$

$$\frac{x}{3} + 2 = 6$$

$$x^2 - 4 = 96$$

*I think of a number, add 2, divide by 5 and the answer is 2*

$$\frac{x + 2}{5} = 2$$

$$(x + 1)^2 = 100$$