

October 28th

A group of people are buying their friend a birthday present.

If each person pays £9, they have £11 spare.

If each person pays £6, the group are £16 short.

Find how much the present cost and how many people are in the group.

If there are x people:

$$9x - 11 = 6x + 16$$

$$3x = 27$$

$$x = 9$$

There are **9 people, paying £70**