

August 29th

A group of people are investing in gold.

If each person invests £400, they have £3400 spare.

If each person pays £300, they have £100 spare.

How many people are in the group and how much is the gold?

$$\therefore 400x - 3400 = 300x - 100$$

$$\therefore 100x = 3300$$

$$\therefore x = 33$$

The gold is worth  $400 \times 33 - 3400 = \mathbf{£9800}$

There are **33 people**