PUZZLEBOMB

#CHERYLSSWEETS

#CHERYLSSWEETS: by @christianp.

Hannah brings a bag of sweets to Cheryl's birthday party.

Cheryl: "Interesting! The probability of drawing two red sweets in a row is the reciprocal of the number of the bus Hannah arrived on! Do you know what it is?"

Albert and Bernard: "No, we don't. :("

Cheryl: "Let r be the number of red sweets in the bag, and n the total number of sweets in the bag. There are either 4, 10, 11 or 15 red sweets in the bag, and one of the following equations holds:"

$$n^2 - n - 3080 = 0 \qquad n^2 - n - 1260 = 0$$
$$n^2 - n - 7140 = 0 \qquad n^2 - n - 2070 = 0$$
$$n^2 - n - 9900 = 0 \qquad n^2 - n - 2970 = 0$$

Cheryl tells Albert the number of red sweets in the bag, and Bernard which equation is correct. She then asks them both, "what is the probability of drawing two red sweets out of the bag, one after the other?"

Albert: I don't know, but I know Bernard doesn't know either.
Bernard: I didn't know, but now I do.
Albert: Then I also know.

How many sweets are in the bag, and how many of them are red?

APIS CLUES

Here are five cryptic crossword clues. You must solve the clues, then find the connection between the answers.

APIS CLUES: devised by @apisclues.

1. Brief nap after Italian food - that's glamour (7)

2. Mock GNVQ, perhaps - it's being declared unsuitable (16)

3. Basketball player perhaps has skill, but it's a worthless little thing (10)

4. Beginning to show alopecia? It's not to be emphasised (14)

5. Pulp record could be number one again? (10)