

DATA OF STUDENTS AGED 9-14

(The following presentation of data is extracted from the data set, however the outlier, Maia, who has an age of 18 years old is excluded. This makes the total number of people 14).

1 WHAT APPS DO PEOPLE HAVE?

The percentage of people who have phones is **71.43%**. However of the entire data set, **14.2%** have just snapchat; **7.14%** only have facebook; **28.57%** have both and **21.43%** have neither apps.



- No phones (28.57%)
- Snapchat (14.29%)
- Facebook (7.14%)
- Both apps (28.57%)
- No apps (21.43%)

120 : 93

(Minutes)

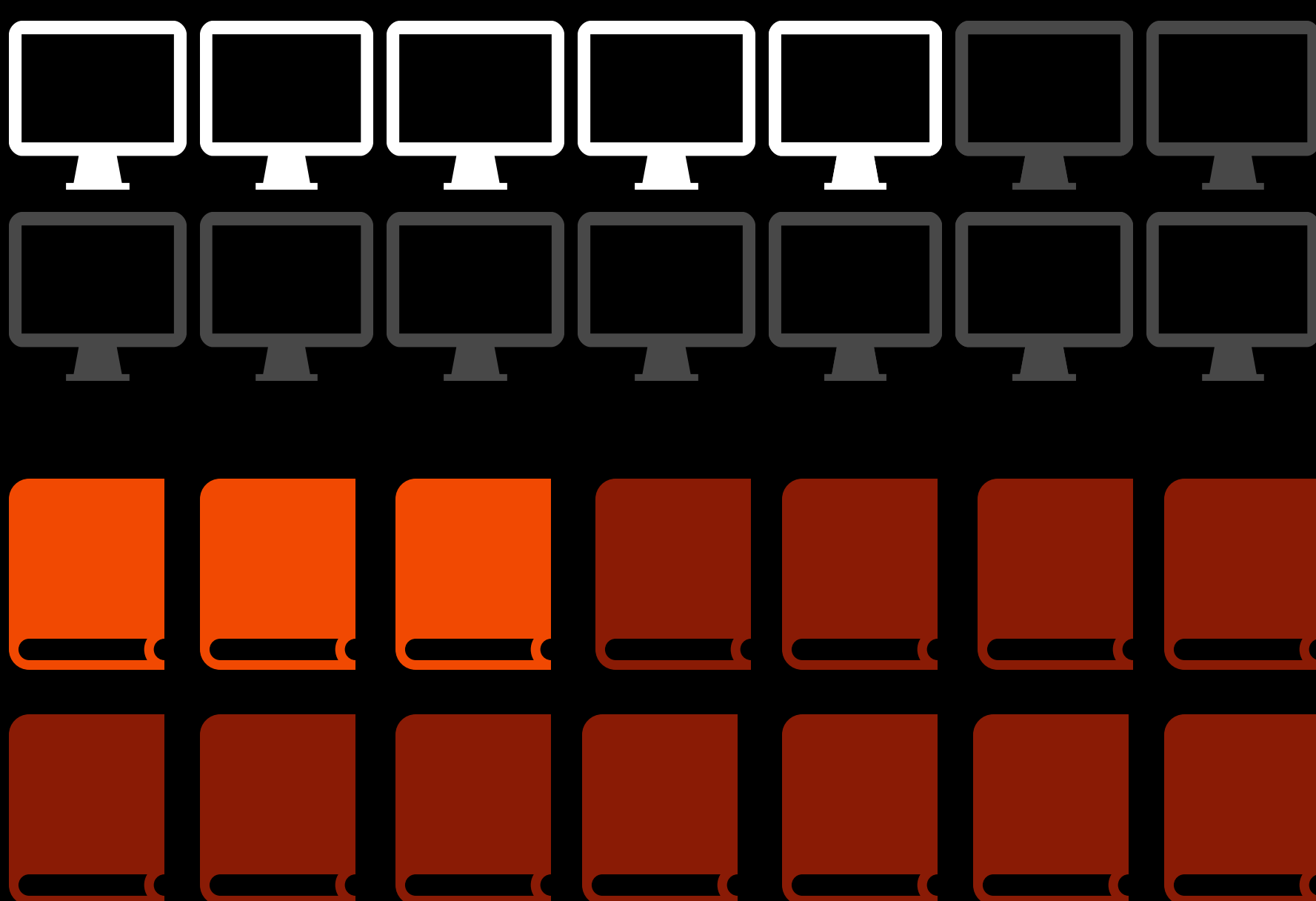
2 HOW MUCH TIME DO PEOPLE SPEND ON TV OR READING?

The previous ratio is the average amount of minutes someone spends watching tv in a week, compared to how many minutes is spent of reading.

3 DO PEOPLE WITH PHONES HAVE A HEAVIER BAG WEIGHT?

The average bag weight of people who do have phones is **2.1kg** which is greater than the average bag weight of people who do not have phones.

2.1kg > 1.75kg



4 HOW MANY PEOPLE SPEND MORE OR LESS THAN 2 HOURS ON TV AND READING?

The fraction of people who spend over 2 hours in a week watching TV is **5/14**. While the fraction of people who spend the same amount of time on reading in a week is **3/14**.

5 EXPANSION OF DATA SET

If the data set is expanded to a total of 42 people, we can expect there to be **15 people** aged 11 and below, and **27 people** aged 12 and above.

5:9 = 15:27