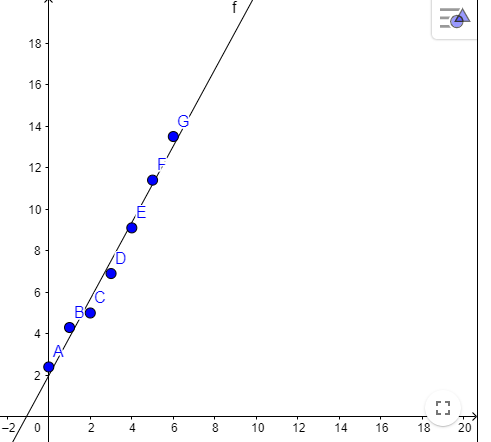
1.



2. Positive correlation

3. 1.84x + 1.99

4a. 8.43 1.84(3.5) + 1.99

4b. 16.71 1.84(8.0) + 1.99