

7.5.2020

LO: calculate the mean

A1) A football team played seven matches. The mean number of goals per match was 3. How many goals did they score in total? **21 goals**

A2) Shumba and his three friends collected more money for their Alton Towers trip. The mean total was £12. How much money did they collect altogether? **£48**

A3) Mr Cook drives to school every day. The mean distance he drives 4km. How far does he drive in total in two weeks? **40km (he doesn't go to school on Saturday or Sunday!)**

B) Six teachers at Hannah More completed some practice tests. Here are their scores. Complete the missing information.

	Mr Cook	Miss Skinner	Mr Webster	Mrs Smith	Ms Sokoni	Miss Goodwin	Total	Mean
Reading	42	6	37	32	46	35	198	33
Spelling	19	3	14	12	9	15	72	12
Arithmetic	40	7	32	28	31	36	174	29

C) Six numbers are written on cards.



The mean of the numbers is 12.

Fill in the two missing numbers if one is double the other. **11 and 22**

D) A group of children have a mean height of 1.4 m. Another child joins the group.

- 1) What will happen to the mean if the new child is 1.5m tall? **It will increase.**
- 2) What will happen to the mean if the new child is 1.4m tall? **It will stay the same.**
- 3) What will happen to the mean if the new child is 1.3m tall? **It will decrease.**