

Chapter 20 – Activity 3 - Question 3

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- 3 Annie and Benjamin collected some data from twenty-four 12 and 13-year olds at their school and put the information into a spreadsheet.

Gender	Have own mobile smart phone	Time spent playing apps each week	Average amount spent on apps each month	Who buys the apps
M	Yes	535 minutes	\$1.99	student
F	Yes	270 minutes	\$2.99	student
F	Yes	320 minutes	\$1.99	student
M	No			
M	Yes	690 minutes	\$3.90	student
M	Yes	150 minutes	\$0.00	student
F	No			
F	Yes	340 minutes	\$2.99	student
M	No			
M	Yes	550 minutes	\$4.95	student
M	Yes	375 minutes	\$2.99	student
F	Yes	435 minutes	\$2.99	student
F	Yes	360 minutes	\$1.99	parent
F	No			
F	Yes	790 minutes	\$5.50	parent
M	Yes	685 minutes	\$6.90	student
F	Yes	585 minutes	\$4.00	student
M	Yes	315 minutes	\$1.99	parent
F	No			
M	Yes	560 minutes	\$4.20	parent
M	No			
F	Yes	575 minutes	\$3.99	student
F	Yes	125 minutes	\$0.00	student
M	Yes	285 minutes	\$2.50	parent

For each of the statements in the screen below, decide which of **A**, **B** or **C** is true.

- A** The statement can be concluded from the data.
B The statement could be concluded from the data but more information is needed.
C The statement is someone's opinion.

Boys spend more on apps than girls

Students mostly pay for apps

Boys like playing apps more than girls

12 and 13 year olds mostly spend between \$3 and \$5 on apps each month

I don't think there is much money to be made in selling apps

You could put the data into a spreadsheet and draw some graphs or sort the data to help you decide.