

Math 7 Bellringer 4/25

Is the following valid? Justify your answer.

① Ms. Johnson divided the OMMS students by grade level, then randomly selected 40 students from each grade to survey. 15 6<sup>th</sup> graders said they liked dogs better than cats. 30 7<sup>th</sup> graders and 27 8<sup>th</sup> graders answered the same. Based on these results, Ms. Johnson concluded about 60% of OMMS students like dogs better than cats.