Name: _____#_____HR_____   Due Date: _____

Zoo Days

Colleen is trying to save $ 75.00 so she can sponsor an animal at the zoo. On weekdays she earns $ 1.50 for every indoor chore she does and $ 2.00 for every outdoor chore. On weekends she earns $ 2.25 for every indoor chore and $ 2.50 for every outdoor chore. To sponsor a zoo animal, how many chores must she do, and on what days must she do them? How many combinations can you identify? Include a chart/calendar in your explanation to support your results.

Bonus: Hopewell Elementary has three fourth grade classes to go see Colleen's sponsored animal. Mr. Kartychak has 27 students in his homeroom, with Miss Johnston and Mrs. Marchionda having 26 students in each of theirs. In addition to the three teachers going on the trip, parent chaperones are required for every 5 students. If each bus can carry 50 passengers, how many busses does Hopewell Elementary need? (A BRIEF explanation is only needed for the bonus).