BLM 1: Turf Touchdown

Create a model to help you solve this.

Field Engineers are putting down turf for 8 days.

Day 1: $\frac{1}{30}$ of the whole field is put down

Day 2: $\frac{2}{30}$ of the whole field is put down

Day 3: $\frac{1}{5}$ of the whole field is put down

Day 4: $\frac{3}{10}$ of the whole field is put down

STOP CONSTRUCTION:

Have the Engineers covered ½ of the field yet? How do you know? Explain your thinking.

Day 5: $\frac{2}{15}$ of the whole field is put down

Day 6: $\frac{1}{6}$ of the whole field is put down

STOP CONSTRUCTION:

a. How much of the field is left to cover?

b. What are some possible combinations for completing work on Day 7 and 8?

c. If they must complete the same amount of work on Day 7 and Day 8, what fractional amount of turf would they need to put down on each of these days?