Counting Kernels for Calculating Corn Yields

Points to remember:
- Number of rows and number of kernels are actually counted.
- Number of ears are based on the farmer's setting of the planter and the estimated germination.
- Number of kernels/bushel are based on the farmer's estimate of seed size.
  - The bigger the seed the fewer/bushel

Number of rows*	Number of kernels	Number of ears/acre (in thousands)	Number of kernels/bushel (in thousands)	Answer in bpa
16	43	24	85	
18	35	27	95	
16	32	22	100	
16	41	30	77	

*number of rows are almost always even numbers

Other interesting facts:
- Kansas normally ranks from 5th to 7th among the states in total corn produced.
- Kansas averaged 129 bushels per acre (bpa) in 2018.
- Kansas harvested 645 million total bushels in 2018.
- A bushel of corn weighs 56 pounds.
- A bushel of corn can produce:
  - 2.8 gallons of ethanol
  - Sweeten 400 cans of soda
  - 6 pounds of beef
  - 13 pounds of pork
  - 20 pounds of chicken
  - 28 pounds of catfish

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