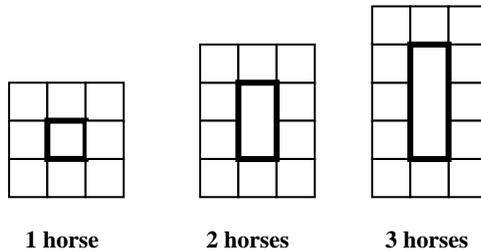


## RAINBOW CORRALS

Suppose 1 Rainbow Cube represents 1 horse. It takes 8 Rainbow Cubes to build a corral for 1 horse. It takes 10 cubes to build a corral for 2 horses. It takes 12 cubes to build a corral for 3 horses. How many cubes would it take to build a corral for 100 horses? Explain how you know how many cubes it would take to build a 100-horse corral.

Introduce the problem by building a corral with 8 Rainbow Cubes on the overhead projector. **This is a corral for 1 horse built with 8 cubes.** Build the next largest corral with 10 cubes. **It takes 10 cubes to build a corral for 2 horses.** Build the next largest corral with 12 cubes. **It takes 12 cubes to build a corral for 3 horses. How many cubes do you think it take to build a corral for 4 horses?** (14) Allow students to respond. **How do you know?**



[Source: 20 Thinking Questions for Rainbow Cubes Grades 3-6, Creative Publications]