

Math Kangaroo Class Level 3-4

Lesson 4:
Making a Table



Warm Up



Instruction



Making a
Table



Exit Ticket



Bonus Slides

Warm up

MK 2001 # 5

For five days, Kasia was helping her mother pick berries. On the first day, she ate most of her berries and gave her mother only one cup of berries. She decided that each day she would be giving her mother twice as much berries as the day before. How many cups of berries did Kasia give her mother in five days ?

Making a table

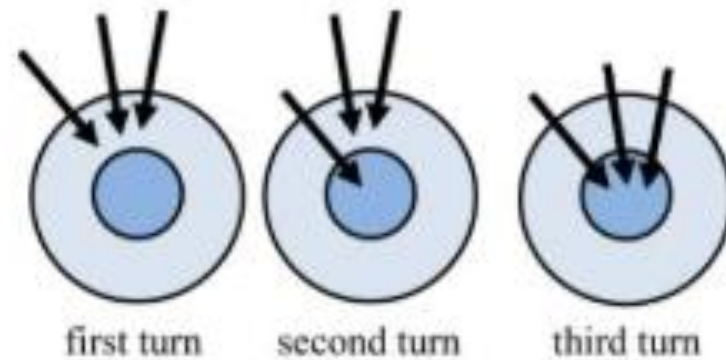
When a problem involves data that has more than one characteristic, an effective strategy is to organize the data into a table. A table displays data so that it is easily located and understood, and missing data becomes obvious.

If you are not given the data for a problem, and must generate it yourself, a table is an excellent device for recording what you have done so you don't repeat your efforts. A table also can be an invaluable aid in detecting significant patterns.

1. For which of the following numbers is the product of the digits greater than the sum of the digits?

- (A) 112 (B) 209 (C) 312 (D) 222 (E) 211

2. On her first turn, Diana scored 12 points total with three arrows. On her second turn, she scored 15 points. How many points did she score on her third turn?



3. On Monday morning, a snail fell down a well which is 5 meters deep. During the days, it climbs up 2 meters, and during the nights it slides down 1 meter. On what day of the week will the snail get out of the well?

MK 2014 # 14

4. Peter Rabbit likes cabbage and carrots. In one day, he can eat only 9 carrots, only 2 cabbages, or 1 cabbage and 4 carrots. During one week, Peter ate 30 carrots. How many cabbages did he eat during that week?

MK 2012 #14

5. In the animal school, 3 kittens, 4 ducklings, 2 baby geese, and several lambs are taking lessons. The teacher owl found that all the pupils have 44 legs altogether. How many lambs are there among them?

MK 2008 # 18

6. A kangaroo noticed that each winter he gains 5 kilograms of weight, and each summer he loses 4 kilograms. During the spring and fall, his weight does not change. In the spring of 2008, he weighed 100 kilograms. How much did he weigh in the Fall of 2004?