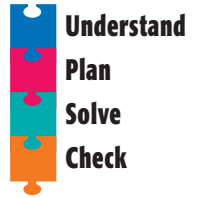


# Problem Solving Strategy

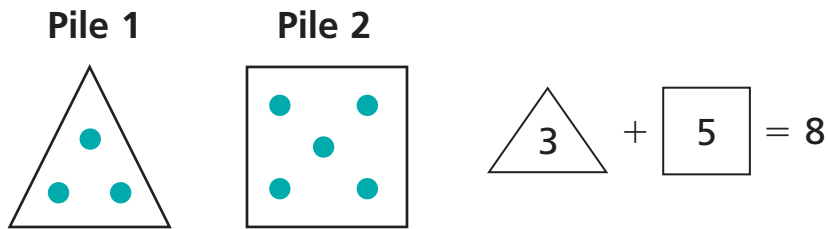
## Act It Out

NCTM Standards 1, 2, 6, 7, 8, 9, 10



- 1 Yoshi and Tyra were playing with 8 counters. They wondered how many ways they could separate the counters into 2 piles. How many ways could they do it?

Example:



Cross out any sentences you do NOT need.

+  = 8	+  = 8	+  = 8
+  = 8	+  = 8	+  = 8
+  = 8	+  = 8	+  = 8
+  = 8	+  = 8	_____ ways

- 2 Ana and Mark collect erasers. Together they have 15 erasers. Complete the table for the numbers of erasers they might each have.

Ana's erasers	3							
Mark's erasers	12							
Ana's erasers								
Mark's erasers								