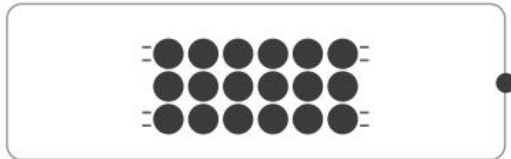
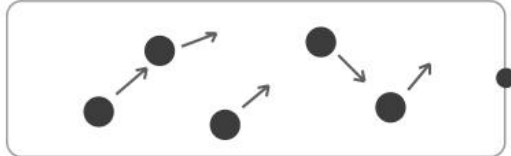




1 • MATCH THE PARTICLES

The dots are the particles — the same dots in every box. Draw a line from each particle picture to the state it makes.

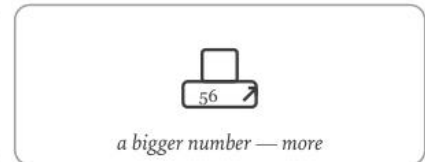
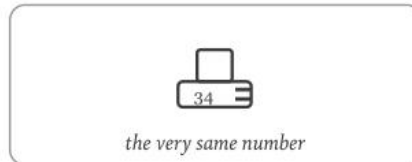
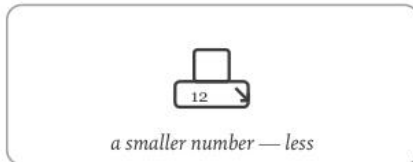


2 • MY HYPOTHESES

Before each experiment: circle your guess with a pencil. After: put a big ✓ on what really happened.

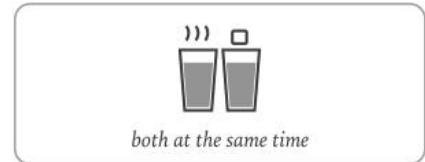
Weigh, Melt, Reweigh • CARD 1

The sealed jar of ice sits in the sun all day and melts. What will the scale say then?



Hot vs. Cold Jiggle Race • CARD 7

One drop of color falls into a HOT glass and a COLD glass at the same moment. Which glass mixes to full color first?



Reversible or Not • CARD 8

Melted butter goes into the fridge. A burned match cools all the way down. Which one comes BACK the way it was?



Match the Thing to Its Tiny Bits

Every big thing breaks into little pieces of itself



1 • DRAW A LINE FROM EACH THING TO ITS BROKEN BITS



a wood board



a stick of chalk



a hard rock



a loaf of bread



a crayon



a sugar cube



crumbs



a little hill of sand



sawdust



sugar grains



fine chalk dust



crayon shavings

Even these tiny bits are NOT single particles — every speck you can see is still **millions** of particles, far too small to see.

2 • THINK LIKE A SCIENTIST

Pick one speck — a crumb, a grain, a bit of dust. If you could keep cutting it in half, and in half again, a million times... **what would you finally hold?** Tell someone.
