

Estimating Dots

Adapted from youcubed WIM Task

<https://www.youcubed.org/wim/estimating-dots-k/>



Slide-deck created and shared
by Lori Fury

Mindset Video

Please watch this video: <https://www.youcubed.org/wim/speed-is-not-important/>



*Students toss counters into
a box top*

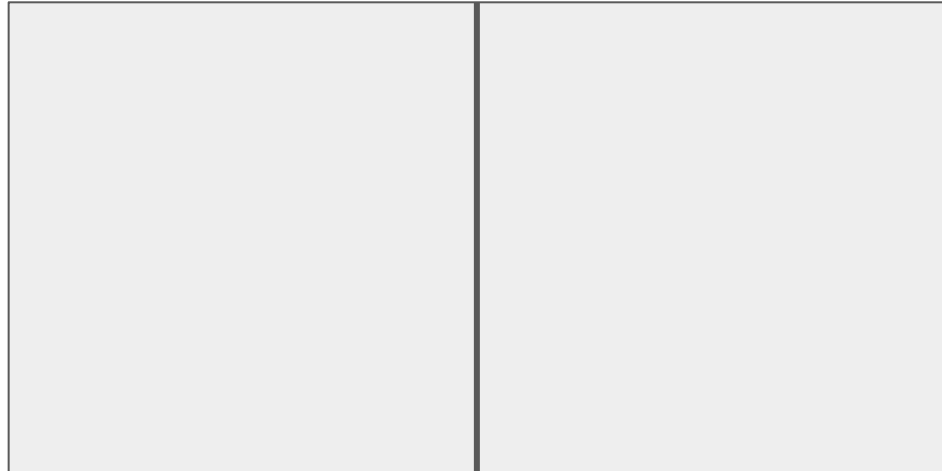
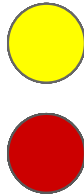
When you toss counters onto a box top, with two sides (left and right):

What do we notice?

Which side has more?

How can we know which side has more? (Prove it!)

How many ways can we show which side has more?



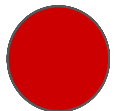
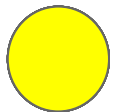
Now you toss a handful of counters onto a box top, with two sides (left and right):

What do you notice?

Which side has more?

How can you know which side has more? (Prove it!)

How many ways can you show which side has more?



Compare: How are students showing which side has more counters?

Let's see how several other students are finding out which side has more counters.

Was anyone lucky enough to make a mistake?

Tell us about the mistake you made. How did it help you learn?

Debrief

With the whole class, ask how you were able to practice the “Speed is not important” from the video we watched.

What did students like about this activity?

What parts were challenging?

How did they grow their brain during this activity?

