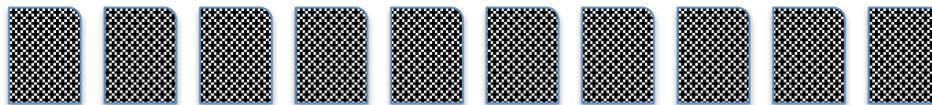


Common Core Circle Card Game Task Elementary Version

Mrs. Jakeman is teaching her class about probability. She has ten cards, numbered 1 to 10, which she mixes up and stands on a shelf turned so that the numbers do not show.



Mrs. Jakeman turns the cards over one at a time.

The first card turned over is a 3:



1. Do you expect the next card to be higher or lower than 3?

Explain why you made this decision:

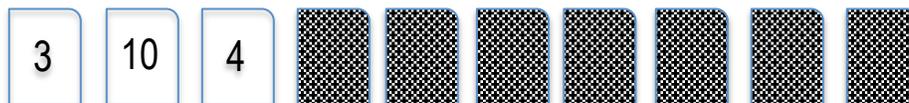
The next card is a 10:



2. Would you expect the next number to be a higher number?

Explain why you made this decision.

The next card is a 4:



3. Would you expect the next card to be higher than 4 or lower?

Explain why you made this decision.

Common Core Circle Card Game Task Elementary Version

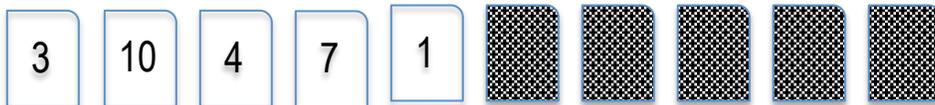
The next card is a 7:



Would you expect the next card to be lower than 7 or higher?

Explain why you made this decision.

The fifth card is a 1:



5. What card would you need to pull to have half of the remaining cards higher and half lower than the card you pull?

Explain how you worked it out.