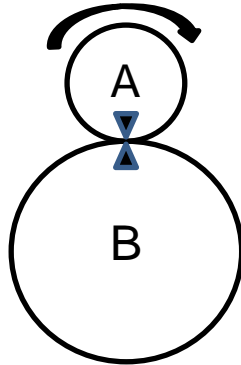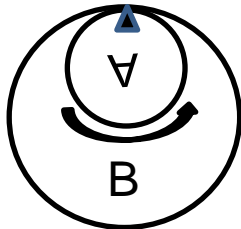# November 2020 challenge

1. How many complete turns does circle A make to rotate around the outside of circle B once if circle A is one-half the size of circle B. (Note: Diagram is not drawn to scale.)

2. How many complete turns does circle A make to rotate around the inside of circle B once if circle A is one-half the size of circle B. (Note: Diagram is not drawn to scale.)

3. To get a square photograph to fit into a rectangular frame, Brian had to trim a 1-inch strip from each of two opposite sides of the photo and a 2-inch strip from each of the other two sides. In all, he trimmed of 64 squire inches. What were the original dimensions of the photograph?