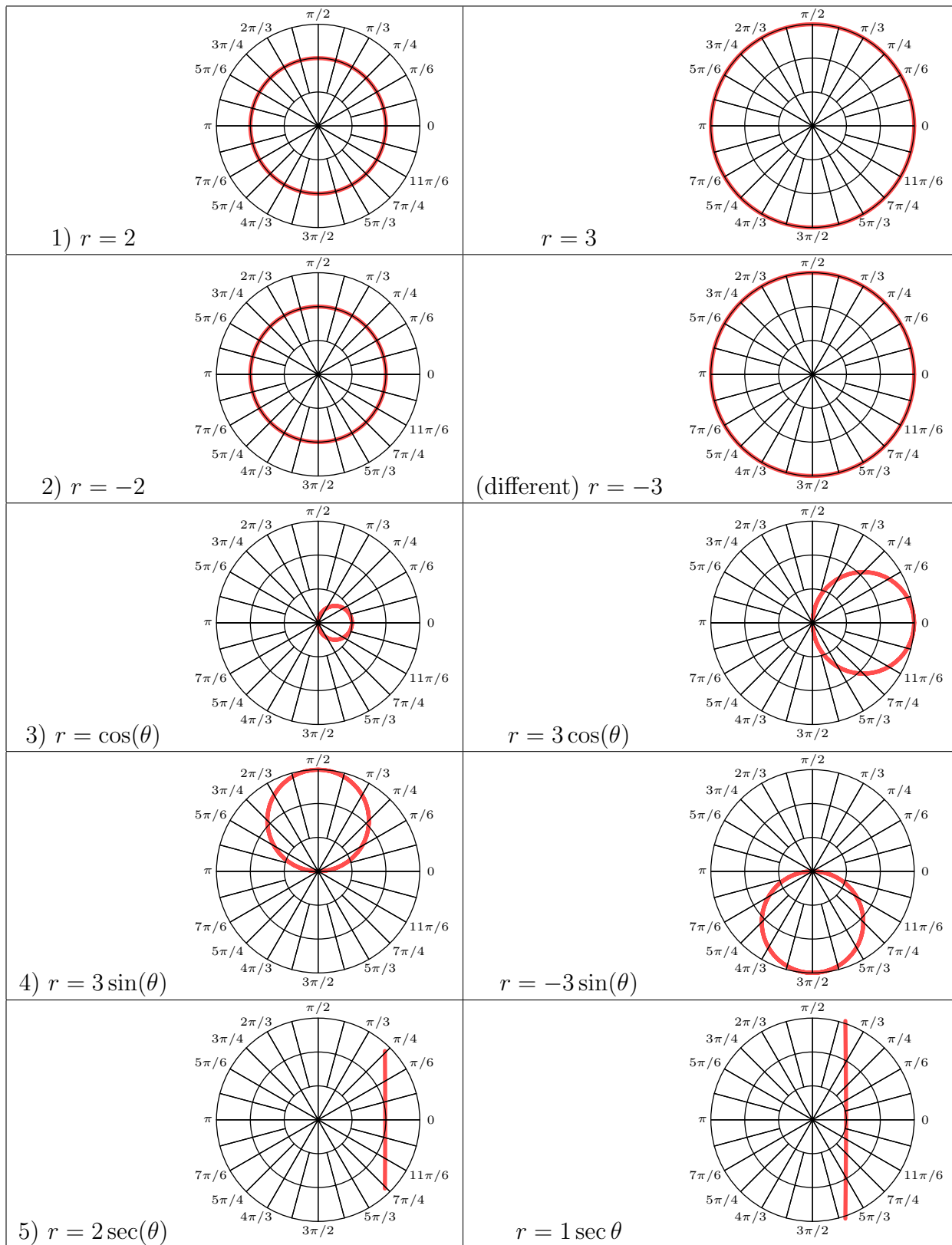
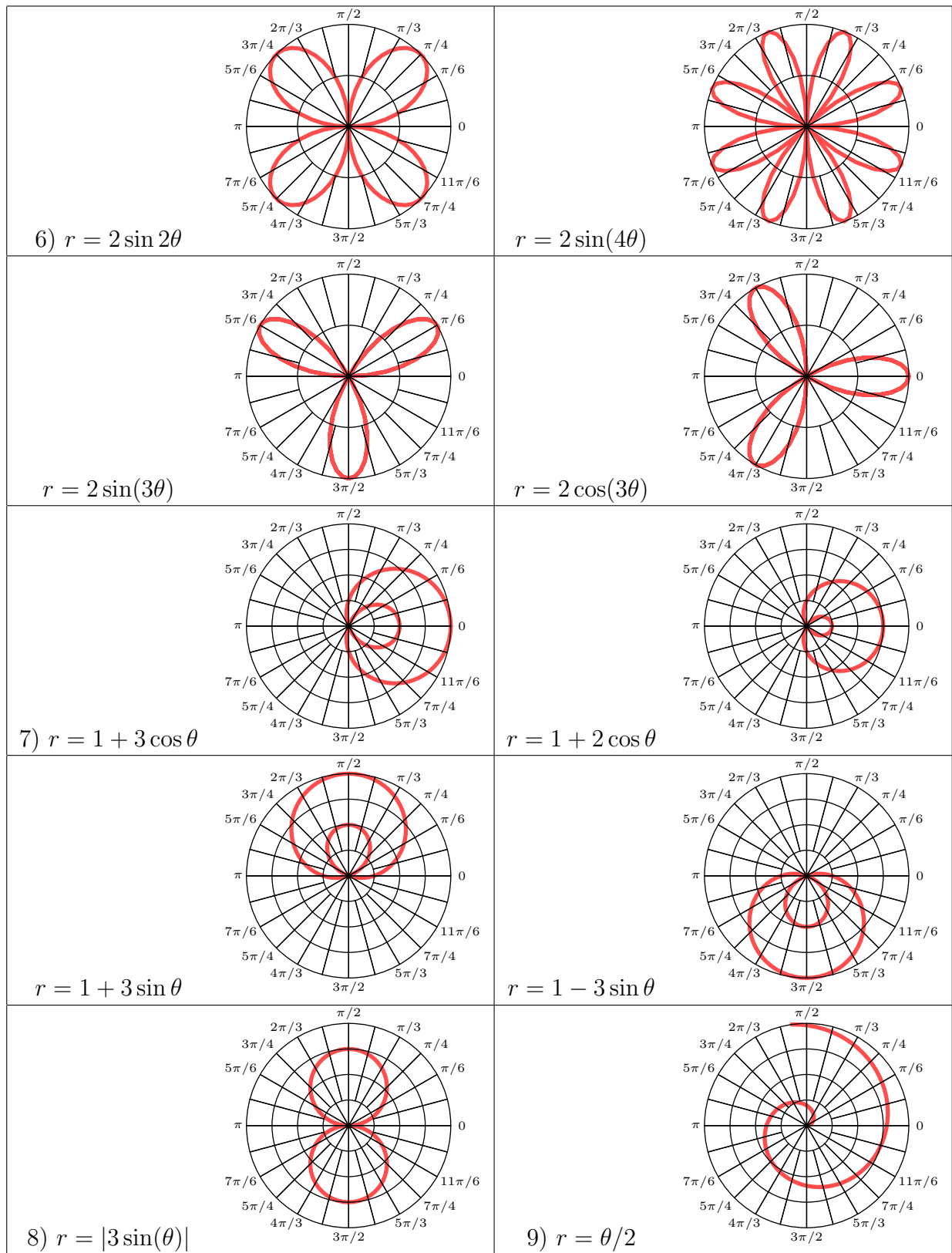


**KEY Desmos Polar Graph Challenge KEY** Plot the graphs below in Desmos. The left-hand graph's equation is given. Determine the right-hand graph's equation using logic and a bit of trial-and-error.



In problems 6 and 7, one example is given followed by three challenges. Finally, 8 and 9 are challenges with no examples.



**Closing task:** Make your own equation with an interesting graph. Copy it onto the whiteboard and be prepared to explain it to the class. Don't just pick a random silly equation you can't explain! Write your equation below.