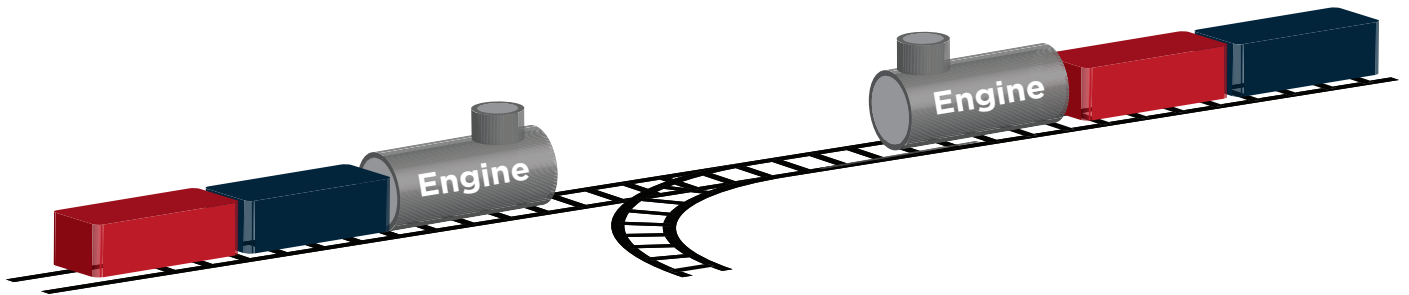


## Passing Trains



Two trains are travelling along the same stretch of single line track toward each other. Each train consists of an engine and two cars. There is, however, a siding that can take one engine and one car. How is it possible for the two trains to pass each other using this siding?

To work the puzzle, sketch the track and use a nickel for the engine and 2 pennies for the cars (all heads up) on the left and a nickel for the engine and 2 pennies for the cars (all tails up) on the right. Assume the engine can connect to cars from either end.