

1* On a 20-km line, electrified with single-phase AC-current, 1600 t trains are hauled at 100 km/h by a *Class 185* from DB. We can find a 10 km ramp at 5 ‰. After an important incident on the substation, the power supply of the catenary is not available. The line has to be used provisory with Diesel locomotives. (Leaflets 8.5.13 & 8.10.23, fig. 4.229).

A How many *Class 285* from CBrail are necessary to haul the same trains?

B A question: repair or not repair? Explain choice arguments to the board office.