



Problem of the Week
Problem D
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The populations of Dogstown and Catsville were equal at the end of 2015.

The population of Dogstown decreased by 3.2% during 2016, then increased by 8.1% during 2017.

The population of Catsville increased by 2% during 2016, then increased by $r\%$ during 2017.

If the populations of the towns were equal again at the end of 2017, determine the value of r correct to one decimal place.

Dogstown

Population
same as
Catsville

Catsville

Population
same as
Dogstown

