



Problem of the Week

Problem D

All Aboard!

The captain of an Alaskan cruise was asked by one of the passengers how many guests were on board. The captain replied: $\frac{1}{6}$ of our guests are seniors, $\frac{1}{4}$ of our guests are children or teenagers, there are three times as many adults as teenagers, and there are 138 children on board.

How many passengers are on board the cruise ship?

