

- 5** Farmer Jones grows apples. The weights, in grams, of the apples grown this year are normally distributed with mean 170 and standard deviation 25. Apples that weigh between 142 grams and 205 grams are sold to a supermarket.
- (a)** Find the probability that a randomly chosen apple grown by Farmer Jones this year is sold to the supermarket. [4]

[illegible]

The total number of apples grown by Farmer Jones this year is 20 000.

- [illegible]

[illegible]