Grade 8 Mathematics Worksheet

Rate, ratio and fractions

Questions:

Farmer Brown plans to plant cabbage in 13 out of every 17 hectares of land. If his farm is 3 400 hectares big, on how many hectares will he plant cabbage?

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Solution

$$\frac{13}{17} \times 3400$$
$$= 13 \times 200$$
$$= 2600$$

Thus 2 600 hectares will be planted with cabbages.

This question is not at all difficult. Learners can however use the $\frac{13}{17}$ as $\frac{13}{13+17}$ and then the answer will be significantly different.