

Yr 6 Maths around us Unit 1 (6803)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1

No practice sheets

Day 2

No practice sheets

Day 3 Making estimates Sheet 1

Working towards ARE / Working at ARE / Greater Depth

Day 4

No practice sheets

Day 5

No practice sheets

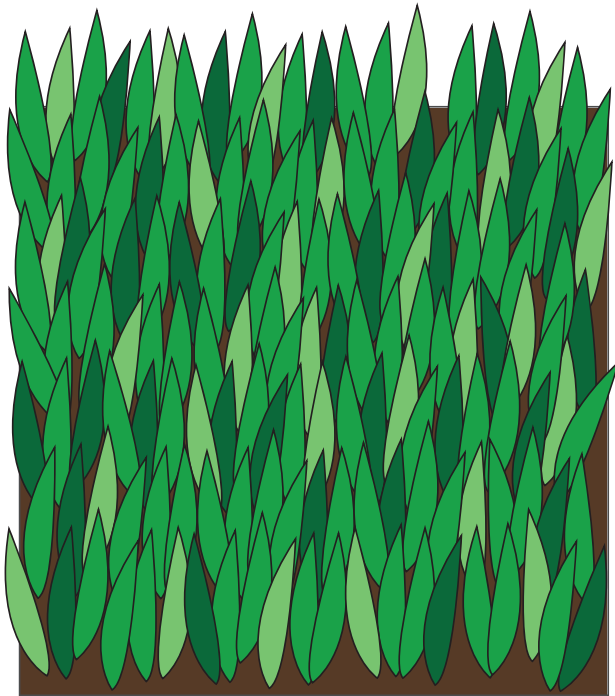
Making estimates

Sheet 1

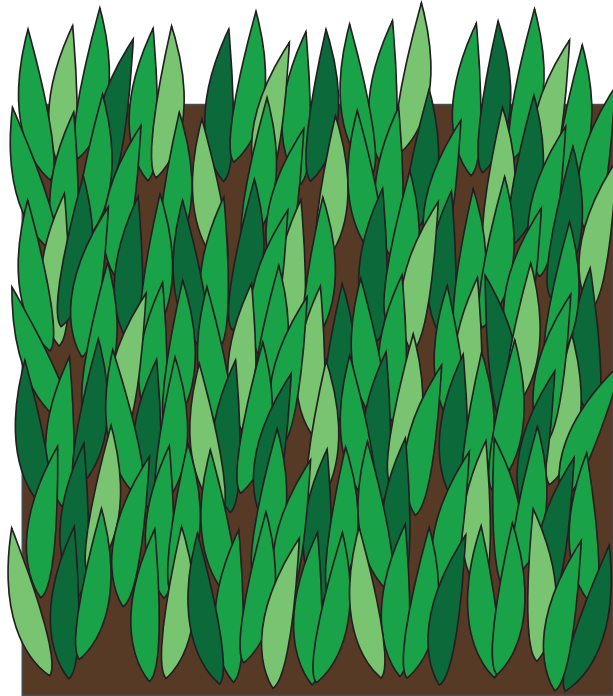
A field measures 200m by 200m.

There are five sheep in the field. Between them, they have eaten a quarter of all the blades of grass!

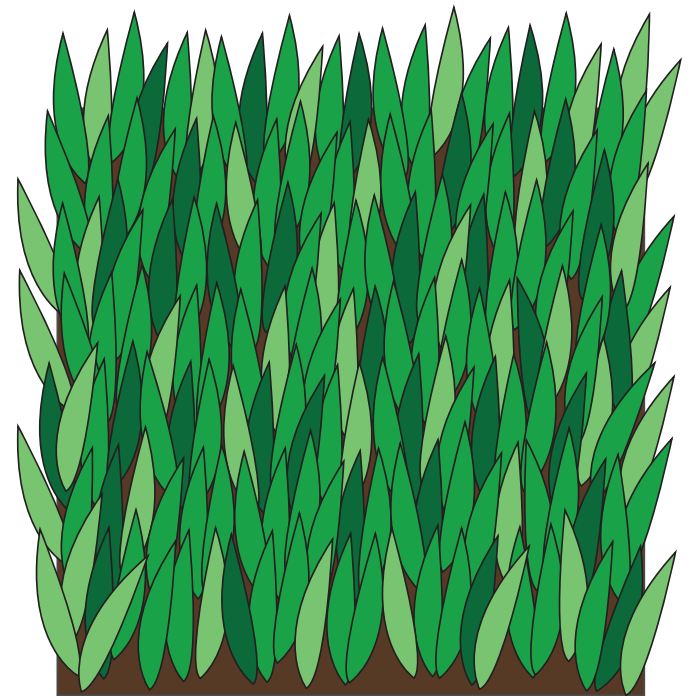
Before they entered the field, these three 10cm by 10cm samples of grass were taken:



Sample A



Sample B



Sample C

Work with a partner to estimate how many blades of grass each sheep has eaten.

Maths around us

Answers

Day 2 Making estimates Sheet 1

Number of blades in 10cm x 10cm samples = **Sample A = 149, Sample B = 137 and Sample C = 164.**

Average of **150 blades of grass/100cm² or 15,000 blades of grass/m².**

Field 200m x 200m or 40,000m²

Number of blades of grass in the field = 15,000 x 40,000 = **600,000,000**

Total number of blades of grass eaten by the five sheep = **150,000,000**

Each sheep ate $150,000,000 \div 5 =$ **30,000,000 blades of grass each.**