(ii) The table gives information about the surface area and volume of round and long pollen grains.

Pollen grain shape	Surface area	Volume / μm^3	Surface area to volume ratio
round	5.03	33.5	0.150
long		25.8	0.160

Calculate the difference in surface area between round and long pollen grains.

Give your answer in standard form with appropriate units.

(2)

Answer .....

(b) Plants that grow from a sweet pea seed contain stem cells.

Describe how a stem cell in a plant can become a sclerenchyma cell.

(4)

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