

- 5 The drawing shows a camel and a person in a desert.



(Source: © Hennadii H/Shutterstock)

- (a) Describe a method you could use to find the pressure a person exerts on the ground when standing on two feet.

(4)

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(b) The total area of contact of the camel's feet with the ground is  $1300 \text{ cm}^2$ .

The mass of the camel is  $660 \text{ kg}$ .

Calculate the pressure this camel exerts on the ground.

(3)

pressure = .....  $\text{N/cm}^2$

**(Total for Question 5 = 7 marks)**

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