

- 1 The table gives information about the costs of sending parcels of different weights.

Weight (w kg)	Cost of sending a parcel
$0 < w \leq 1$	£6.00
$1 < w \leq 2$	£9.02
$2 < w \leq 5$	£15.85
$5 < w \leq 10$	£21.90

Peony has one parcel of weight 1.3 kg and another parcel of weight 8 kg to send to two different places.

- (a) Work out the total cost of sending these two parcels.

$$9.02 + 21.90 = 30.92$$

(1) (1)

$$\text{£} \dots\dots\dots 30.92$$

(2)

Gryffyn sends 3 parcels each to a different place.

One of the parcels has a weight of 1.5 kg and another of the parcels has a weight of 2.8 kg

The total cost of sending the 3 parcels is £33.89

- (b) Work out the greatest possible weight of the third parcel.

$$9.02 + 15.85 = 24.87 \quad (1)$$

$$33.89 - 24.87 = 9.02$$

(1)

$$\dots\dots\dots 2 \quad (1) \dots\dots\dots \text{kg}$$

(3)

(Total for Question 1 is 5 marks)