

Pie charts

1) Convert the followings percentage into degree in pie chart

- a) 25 % = _____ b) 75% = _____ c) 12.5% = _____
 d) 50 % = _____ e) 60% = _____

2) Convert the following degrees into percentage.

- a) 60° = _____ b) 75° = _____ c) 135° = _____
 d) 90° = _____ e) 180° = _____

3 The table below shows the favourite colour chosen by 30 pupils.

Colour	Blue	Green	Red	Yellow	Purple
Frequency	8	6	10	4	2

Construct a pie chart to represent the information. Show all your workings.

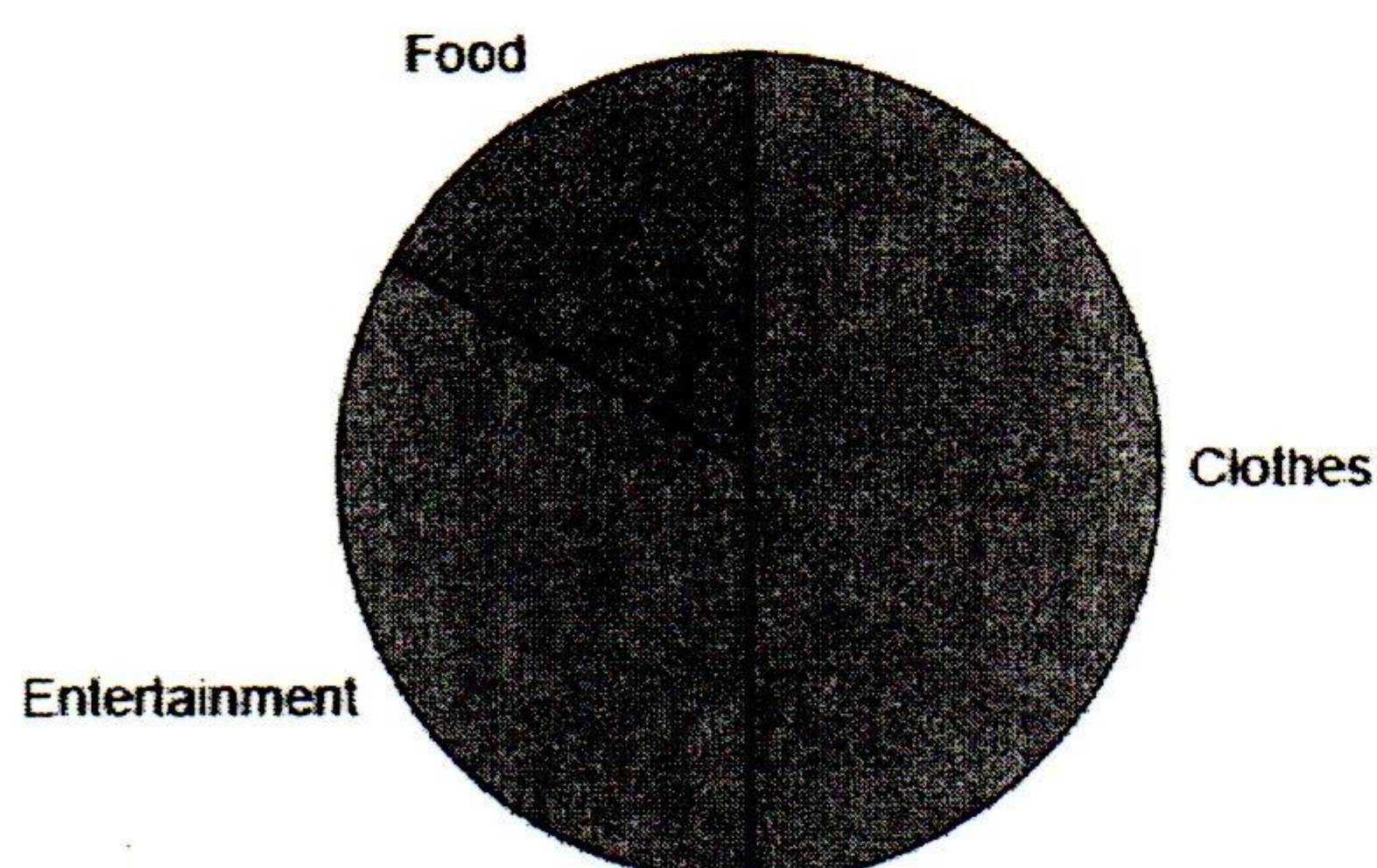
Calculator - round your angles to the nearest degree.

4 The table below shows the mode of transport that pupils use to get to school.

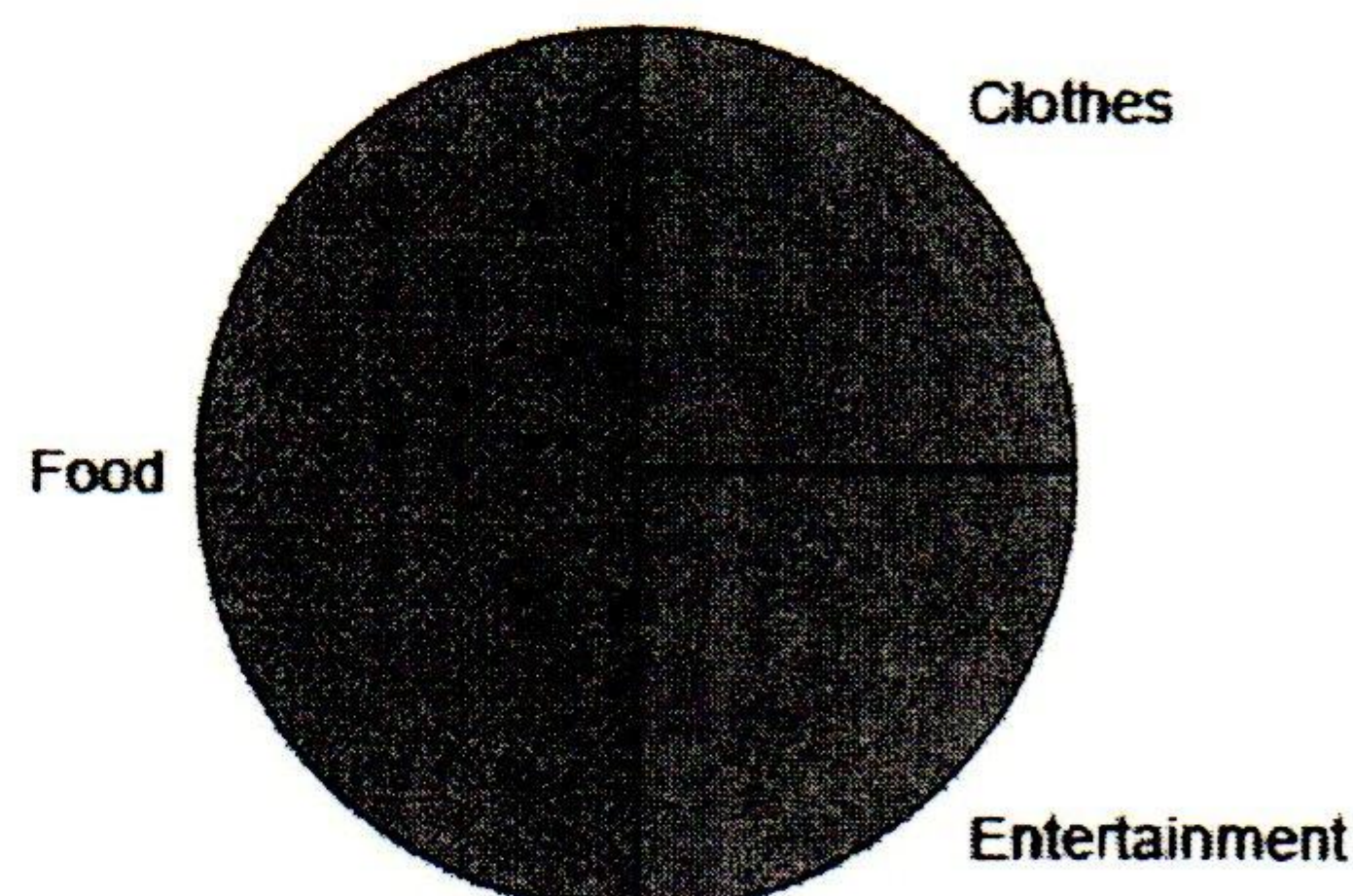
Transport	Walk	Bus	Bike	Car	Taxi
Frequency	10	25	6	15	2

5 The pie charts below show the proportion of money that teenagers spend their money on per month.

Teenage Girls



Teenage Boys



(i) If a boy spends £25 a month altogether calculate how much he would spend on:

- (a) Food _____ (b) Clothes _____

(ii) If a girl spends £21 on clothes calculate how much she will spend on:

- (a) Food _____ (b) Entertainment _____