Calculate the angles needed to draw a pie chart to represent each set of data:

1.

Transport	Frequency
Car	4
Walk	5
Bus	9

2.

Transport	Frequency
Car	8
Walk	10
Bus	18

3.

Transport	Frequency
Car	8
Walk	6
Cycle	4
Bus	18

4.

Transport	Frequency
Car	12
Walk	9
Cycle	6
Bus	27

5.

Transport	Frequency
Car	18
Walk	9
Cycle	6
Bus	27

6.

Transport	Frequency
Car	18
Walk	9
Cycle	18
Bus	27

7.

Transport	Frequency
Car	360
Walk	180
Cycle	360
Bus	540

8.

Transport	Frequency
Car	270
Walk	90
Cycle	270
Bus	450

ANSWERS

1.

Transport	Frequency	Angle
Car	4	80°
Walk	5	100°
Bus	9	180°

2.

Transport	Frequency	Angle
Car	8	80°
Walk	10	100°
Bus	18	180°

3.

Transport	Frequency	Angle
Car	8	80°
Walk	6	60°
Cycle	4	40°
Bus	18	180°

4.

Transport	Frequency	Angle
Car	12	80°
Walk	9	60°
Cycle	6	40°
Bus	27	180°

5.

Transport	Frequency	Angle
Car	18	108°
Walk	9	54°
Cycle	6	36°
Bus	27	162°

ANSWERS

6.

Transport	Frequency	Angle
Car	18	90°
Walk	9	45°
Cycle	18	90°
Bus	27	135°

7.

Transport	Frequency	Angle
Car	360	90°
Walk	180	45°
Cycle	360	90°
Bus	540	135°

8.

Transport	Frequency	Angle
Car	270	90°
Walk	90	30°
Cycle	270	90°
Bus	450	150°