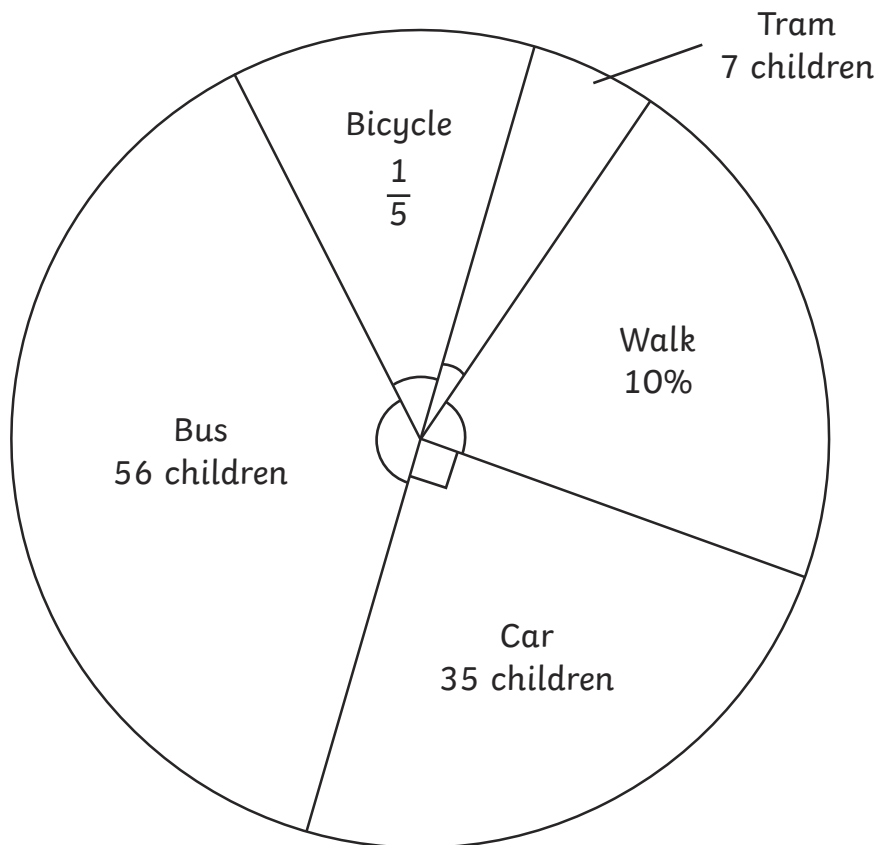# Transport Pie Charts

I can interpret pie charts and use them to solve problems.

To find the sector angles of a pie chart, we can represent each sector as a fraction, then calculate these as a fraction of 360°.

This pie chart shows how the 140 children in KS2 travel to school.

Calculate the angle of each sector. The first one has been done for you.

Sector	Angle	Working Out
Car	90°	$\frac{35}{140} = \frac{1}{4}$ of 360° = 360 ÷ 4 = 90°
Walk		
Bus		
Bicycle		
Tram		

Transport Pie Charts **Answers**

Sector	Angle	Working Out
Car	90°	$\frac{35}{140} = \frac{1}{4}$ of 360° = 360 ÷ 4 = 90°
Walk	36°	10% = $\frac{10}{100} = \frac{1}{10}$ of 360° = 360 ÷ 10 = 36°
Bus	144°	$\frac{56}{140} = \frac{2}{5}$ of 360° = (360 ÷ 5) × 2 = 144°
Bicycle	72°	$\frac{1}{5}$ of 360° = 360 ÷ 5 = 72°
Tram	18°	$\frac{7}{140} = \frac{1}{20}$ of 360° = 360 ÷ 20 = 18°

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