Pie Charts

Answers – N5 Applications of Mathematics

Question	Source	Answers
1	2019 P1 Q3 N5 Applications of Mathematics	(a) 6 employees (b) $\frac{240}{360}$ or $\frac{48}{72}$ or $\frac{2}{3}$ $or\ equivalent$
2	2018 P2 Q4 N5 Applications of Mathematics	(a) 42 minutes (b) 2.31 km
3	Specimen P2 Q4 N5 Applications of Mathematics	**Ans: Pie chart constructed** •[1] Strategy/process: interpret graph and state fraction for each type of car •[1] $\frac{30}{150}, \frac{65}{150}, \frac{55}{150}$ or equivalent •[2] Process: calculate angles •[2] 72°, 156°, 132° •[3] Process/communication: construct pie chart •[3] Pie chart completed with labels
4	2016 P2 Q3 N5 Lifeskills	•[1] Strategy/Process: find any one of the three angles for the April poll. •[1,2] Yes - 133° No - 184° Undecided - 43° •[2] Strategy/Process: find the other two angles. •[3] Communication: make one valid comment. •[3] eg similar proportion chose 'yes' in survey 2. larger proportion chose 'no' in survey 2. smaller proportion chose 'undecided' in survey 2.