

## Jelly beans

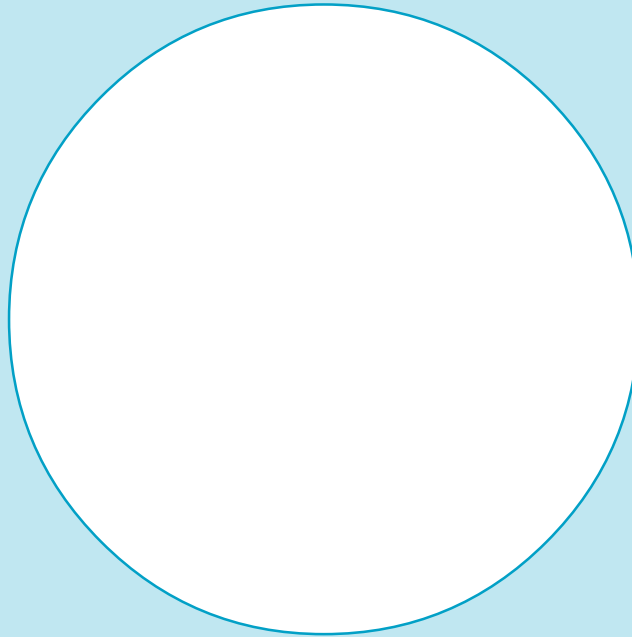
**Approach:** Stations

**Level:** Year 8 & Year 4

**Resources:** Plastic bag containing 6 blue, 4 green and 2 white jelly beans; incomplete pie graph and text.

### Questions/Instructions

There are 12 jelly beans in the bag.  
Show how many there are of each colour as a pie graph.



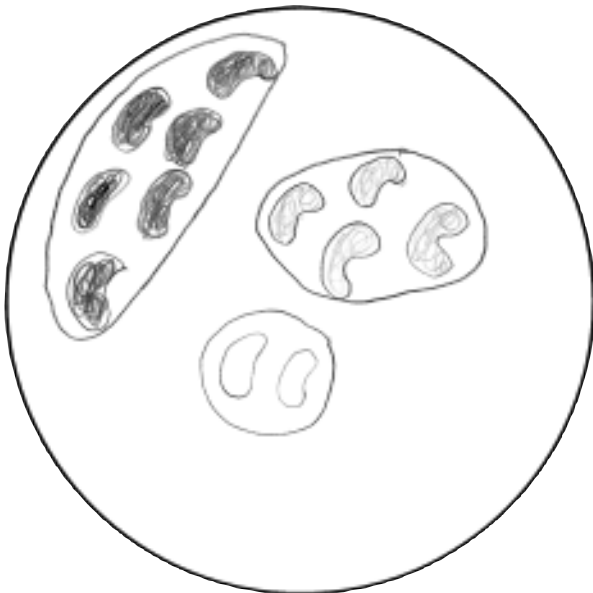
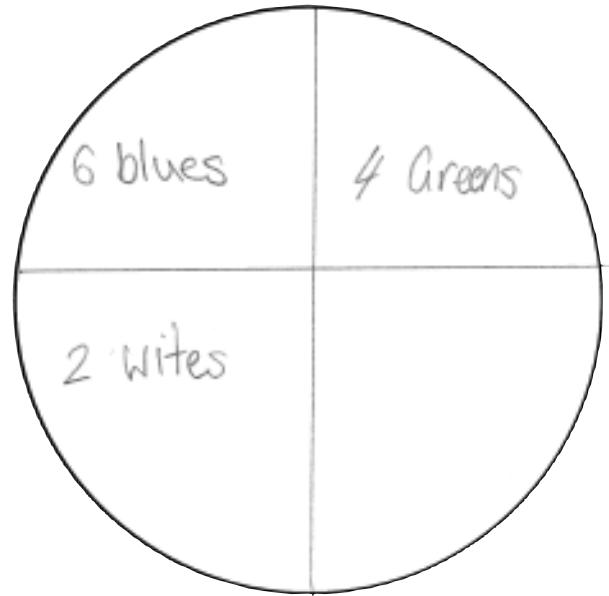
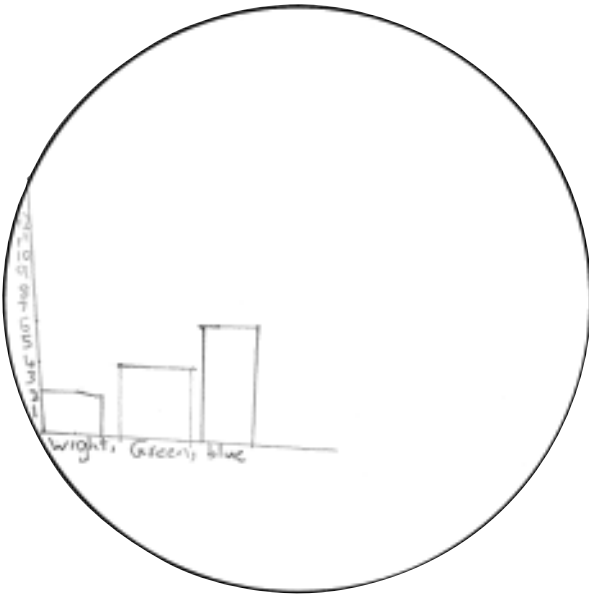
### STUDENT RESPONSES

		% answering correctly	
		Year 8	Year 4
Format:	pie graph	94	37
	other interpretable	4	40
Details	3 sectors	85	16
	labelled correctly	88	29
	sector sizes correct	73	10

### Commentary

It is not surprising that most year 4 students did not appear to have learned how to construct a pie graph. Some of their efforts were quite creative! (See over).

**Year 4 examples: Jelly beans pie graph**



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