

Approach: Station

Focus: Multiplication

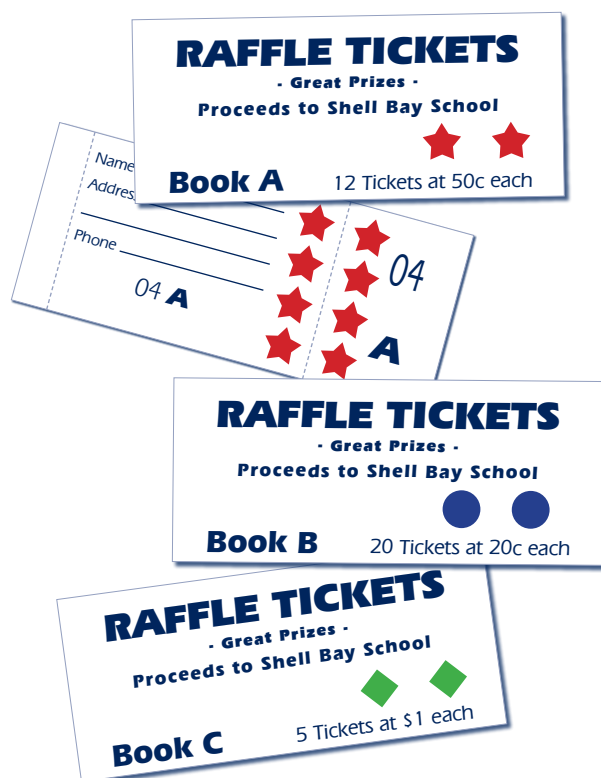
Resources: 3 booklets of raffle tickets, answer booklet

Year: 4 & 8

Questions / instructions:

Look at the three booklets of raffle tickets.

Each booklet has a different number of tickets, and each booklet has a different ticket price.



If each booklet of raffle tickets was sold, which booklet would make the **most** money?

Tick the best answer.

Booklet A	<input checked="" type="checkbox"/>	30 (33)	66 (74)
Booklet B	<input type="checkbox"/>	33 (29)	16 (13)
Booklet C	<input type="checkbox"/>	33 (37)	14 (8)

Total Score:	2	30 (33)	66 (74)
	1	33 (37)	14 (8)
	0	37 (30)	20 (18)

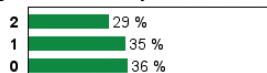
% response
2009 ('05)
year 4 year 8

Subgroup Analyses:

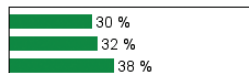
Year 4

Score
Range

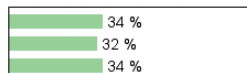
Boys



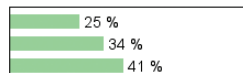
Girls



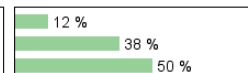
Pakeha



Māori



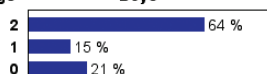
Pasifika



Year 8

Score
Range

Boys



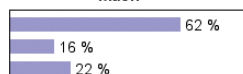
Girls



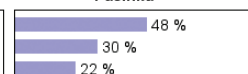
Pakeha



Māori



Pasifika



Commentary:

Solving this task involved multiplication or repeated addition of individual ticket costs for each booklet of tickets. Because almost equal percentages of year 4 students chose each option, there is very little evidence of this capability for year 4 students. Performance at both year levels was a little lower in 2009 than in 2005. At both year levels, Māori students performed similarly to Pakeha students.