

Approach: Independent

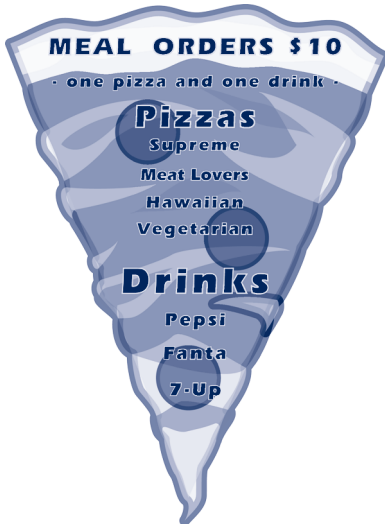
Year: 4 & 8

Focus: Combinations

Resources: Answer booklet



Questions / instructions:

 % response
 2005 ('01)
 year 4 year 8


Each meal has one kind of pizza and one kind of drink.

How many different kinds of meal could be ordered?

12 14 (13) 63 (56)

Show how you work out your answer.

multiplying numbers of options 4 (2) 21 (19)

listing possibilities systematically 14 (17) 38 (34)

listing possibilities randomly 7 (8) 5 (5)

Total score: 4 4 (2) 21 (19)

3 7 (7) 34 (29)

2 8 (10) 7 (9)

1 9 (11) 10 (9)

0 72 (70) 29 (35)

Commentary:

Substantial gains in working with combinations were seen from year 4 to year 8. Results were fairly similar in 2001 and 2005.