

Treats for Toni

Trend Task

Approach: Independent

Level: Year 4 and year 8

Focus: Interpreting a line graph.

Resources: None

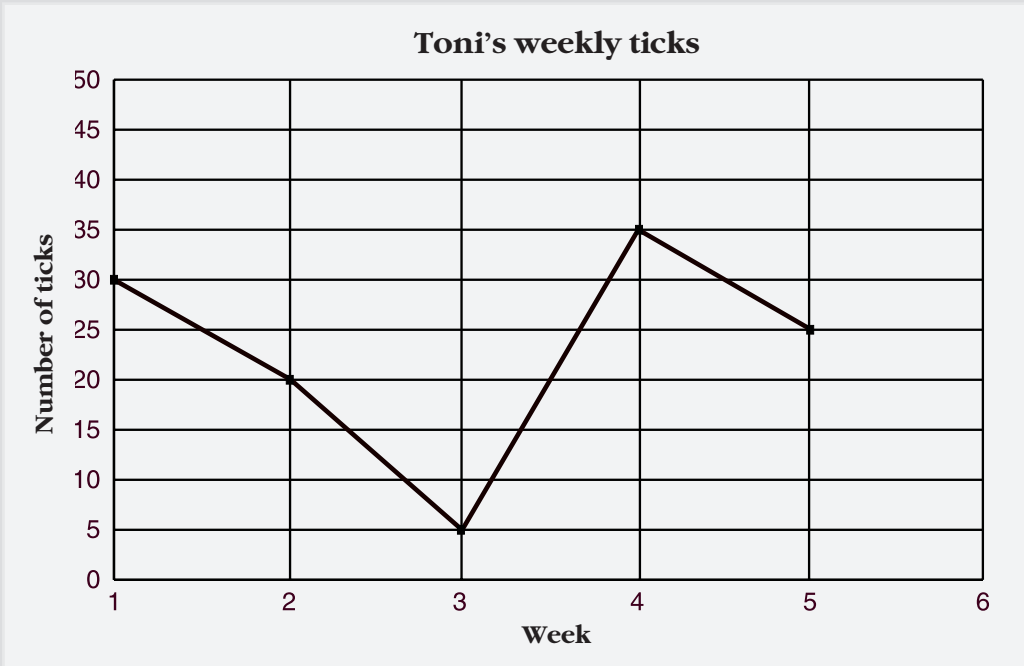
Questions/Instructions:

When Toni does something good or kind, Toni's mother puts a tick on a chart.

On Friday Toni's mother counts the ticks.

For every 10 ticks, Toni can choose a treat.

% responses	
1999 ('95)	1999 ('95)
year 4	year 8



- | | | | |
|---|-------------------------------------|--------|--------|
| 1. How many ticks did Toni get on week 1? | <input type="text" value="30"/> | 66(59) | 92(89) |
| 2. Which week did Toni not get a treat? | <input type="text" value="week 3"/> | 43(37) | 73(76) |
| 3. Which week did Toni get 25 ticks? | <input type="text" value="week 5"/> | 56(56) | 88(89) |
| 4. How many treats could Toni choose on week 2? | <input type="text" value="2"/> | 45(42) | 78(85) |

Total score:	4	22(21)	62(65)
	3	19(15)	18(19)
	2	23(23)	12(9)
	0-1	36(39)	8(7)

Commentary:

For both year 4 and year 8 students, there was little change over four years in their ability to interpret this line graph. Forty percent more year 8 than year 4 students got all the questions correct in 1999.