

Trend Task

Tim's Budget

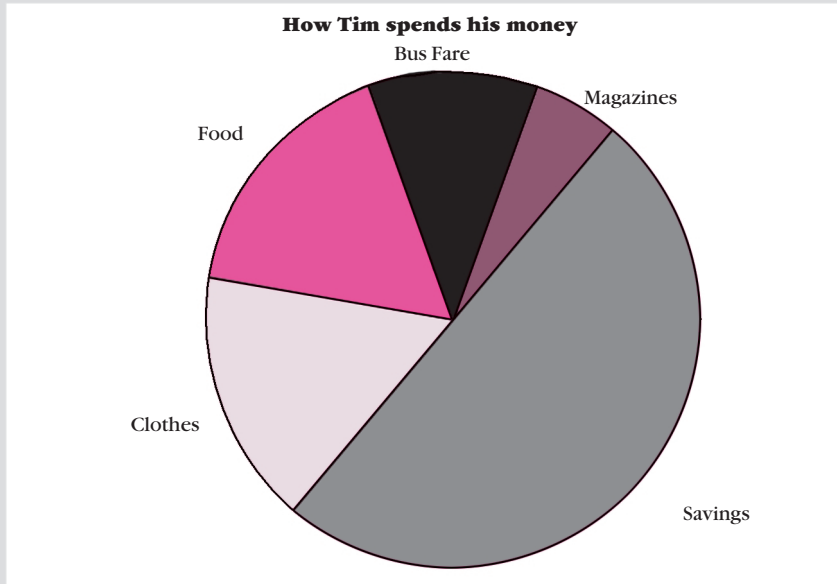
Approach: One to one

Level: Year 4 and year 8

Focus: Interpreting a pie graph.

Resources: Graph

Questions/Instructions:



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

Give student the graph.

Tim works as a paper boy and earns \$30 per week.

He made this graph to show what he spends his money on.

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|----------------------------------------------------------------------------------------------|----------------|--------|--------|
| 1. How does Tim use most of his money? | savings | 77(77) | 91(92) |
| 2. What does he spend the least amount on? | magazines | 92(92) | 99(99) |
| 3. What items does he spend the same amount on? | clothes & food | 84(83) | 96(97) |
| 4. If Tim spent all of his clothes money on food, would he spend more on food or on savings? | savings | 83(78) | 88(92) |

Total score:	4	60(54)	81(82)
	3	24(30)	14(16)
	0-2	16(16)	5(2)

Commentary:

For the year 4 and year 8 students, there was little change over the four years in their ability to interpret this pie graph. About 10 percent more year 4 than year 8 students had little success with this task in 1999.