
Cat Food

This problem gives you the chance to:

- solve numerical problems in a real life situation
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Carol has two cats, Rover and Bobo.

1. Rover eats $\frac{3}{4}$ of a can of cat food each day and Bobo eats $\frac{1}{2}$ of a can of cat food each day. Cat food costs \$5.00 for three cans. **It is only sold in 3 can packs.**

How much does it cost Carol for a 60-day supply of cat food for her two cats? \$ _____
Show your work.

2. Find the cost of cat food for a 29-day supply, a 30-day supply, and a 31-day supply.

\$ _____ \$ _____ \$ _____

Show your work.

29-day

30-day

31-day

What do you notice about your answers?

7

Cat Food	Rubric	
<p>The core elements of performance required by this task are:</p> <ul style="list-style-type: none"> • solve numerical problems in a real life situation <p>Based on these, credit for specific aspects of performance should be assigned as follows</p>	points	section points
<p>1. Gives correct answer: \$125</p> <p>Shows work such as: number of cans = $60 \div 1.25 = 48$ cost in \$ = $48 \times 2.5 = \\$120$</p>	2	
<p>2. Gives correct answers: \$65, \$65, \$65</p> <p>and Shows work such as: number of cans = $29 \div 1.25 = 23.2$ (round to 39) cost in \$ = $39 \div 3 = \\$13 \quad 13 \times 5 =$</p> <p>number of cans = $30 \div 1.25 = 24$ (round to 39) cost in \$ = $39 \div 3 = \\$13 \quad 13 \times 5 =$</p> <p>number of cans = $31 \div 1.25 = 24.8$ (round to 39) cost in \$ = $39 \div 3 = \\$13 \quad 13 \times 5 =$</p> <p>Comments that all these answers are the same because the number of cans needs to be rounded to a number that can be divided by 3.</p> <p><i>Special case</i></p> <p>Does not round, Gets answers \$60.42, \$62.50, \$64.58</p>	<p>3 x 1</p> <p>1</p> <p>(2)</p>	3
Total Points		7