

Example of Student Response – Grade 7 FSA Numeracy Question 2

Score	Comments
4	<p>The solution</p> <ul style="list-style-type: none"> <li>• applies relevant concepts and skills accurately</li> <li>• appropriate strategies implemented</li> <li>• correct solution; minor omission of \$10</li> <li>• work is clear, detailed and organized</li> </ul>

2. In January, the intermediate classes spent every day raising money for the Food Bank.

Day	Money Raised Each Day
1	\$20.00
2	\$25.00
3	\$30.00
4	\$35.00
•	•
•	•
•	•
31	?
Total for month	\$ _____



They will count all the money on January 31.

If the pattern continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

Day	Money Raised
1	\$20
2	\$25
3	\$30
4	\$35
5	\$40
6	\$45
7	\$50
8	\$55
9	\$60
10	\$65
11	\$70
12	\$75
13	\$80
14	\$85
15	\$90
16	\$95
17	\$100
18	\$105
19	\$110
20	\$115
21	\$120
22	\$125
23	\$130
24	\$135
25	\$140
26	\$145
27	\$150
28	\$155
29	\$160
30	\$165
31	\$170

The pattern is they count by 5 all the way out.

The total money they raised was \$2935 because when you add all the money from each day you get the total of \$2935.

(my work)

\$2935 is the total for January.

Score

**STOP**

END OF PART 6

Example of Student Response – Grade 7 FSA Numeracy Question 2

Score	Comments
3	<p>The solution</p> <ul style="list-style-type: none"> <li>• applies relevant concepts and skills appropriately</li> <li>• appropriate strategy</li> <li>• but partial correct solution (correct day 31 total of \$170 but incorrect month total)</li> <li>• work is generally clear</li> </ul>

2. In January, the intermediate classes spent every day raising money for the Food Bank.

Day	Money Raised Each Day
1	\$20.00
2	\$25.00
3	\$30.00
4	\$35.00
•	•
•	•
•	•
31	?
Total for month	\$ _____



They will count all the money on January 31.

If the pattern continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

•	•
•	•
•	•
31	?
Total for month	\$ _____



They will count all the money on January 31.

If the **pattern** continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

5   40	15   90	24   35
6   45	16   95	25   40
7   50	17   100	26   45
8   55	18   105	27   50
9   60	19   110	28   55
10   65	20   115	29   60
11   70	21   120	30   65
12   75	22   125	31   70
13   80	23   130	
14   85		

add all #'s

all #'s added = 2085

the class raised \$208.5

Example of Student Response – Grade 7 FSA Numeracy Question 2

Score	Comments
2	The solution <ul style="list-style-type: none"> <li>• partially correct solution</li> <li>• appropriate strategy is used but implemented incorrectly</li> <li>• work is generally clear and easy to follow</li> </ul>

2. In January, the intermediate classes spent every day raising money for the Food Bank.

Day	Money Raised Each Day
1	\$20.00
2	\$25.00
3	\$30.00
4	\$35.00
•	•
•	•
•	•
31	?
Total for month	\$ _____



They will count all the money on January 31.

If the pattern continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

Day	money each Day
1	\$ 20.00
2	\$ 25.00
3	\$ 30.00
4	\$ 35.00
5	\$ 40.00
10	\$ 65.00
28	\$ 90.00
31	\$ 105.00

Example of Student Response – Grade 7 FSA Numeracy Question 2

Score	Comments
1	<p>The solution</p> <ul style="list-style-type: none"> <li>• a start beyond just copying (has found a pattern – start at 20 – goes up by 5s - goes back to 20; continued the pattern and found a total)</li> <li>• the work shows little understanding of the problem</li> <li>• incorrect solution</li> </ul>

2. In January, the intermediate classes spent every day raising money for the Food Bank.

Day	Money Raised Each Day
1	\$20.00
2	\$25.00
3	\$30.00
4	\$35.00
•	•
•	•
•	•
31	?
Total for month	\$ _____



They will count all the money on January 31.

If the pattern continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

*pattern by days*

If the pattern continues, what will be the **total amount of money raised** during the 31 days?

Show **ALL** your work.

(4 marks)

1. 20  
 2. 25  
 3. 30  
 4. 35  
 5. 20  
 6. 25  
 7. 30  
 8. 35  
 9. 20  
 10. 25  
 11. 30  
 12. 35  
 13. 20  
 14. 25  
 15. 30  
 16. 35  
 17. 20  
 18. 25  
 19. 30  
 20. 35  
 21. 20  
 22. 25  
 23. 30

24 5  
 25 20  
 26 25  
 27 30  
 28 35  
 29 20  
 30 25  
 31 30

$= \$280$

On January 31st they would have raised \$280.



END OF PART 6

Score