

**Abel Math Contest – 2011**  
**Answer Key**

1.         D
2.         C
3.         D
4.         D
5.         A
6.         A
7.         B
8.         C D
9.         A
10.         C
11.         B
12.         A
13.         A
14.         C
15.         D

16.         D
17.         B
18.         C
19.         B
20.         B
21.         D
22.         C
23.         A
24.         C
25.         A

KEY

2010 Abel Mathematics Contest

Answer Sheet

|                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1.<br><b>A</b>  | 2.<br><b>B</b>  | 3.<br><b>A</b>  | 4.<br><b>D</b>  | 5.<br><b>D</b>  |
| 6.<br><b>C</b>  | 7.<br><b>C</b>  | 8.<br><b>B</b>  | 9.<br><b>A</b>  | 10.<br><b>D</b> |
| 11.<br><b>A</b> | 12.<br><b>B</b> | 13.<br><b>C</b> | 14.<br><b>C</b> | 15.<br><b>B</b> |
| 16.<br><b>D</b> | 17.<br><b>B</b> | 18.<br><b>A</b> | 19.<br><b>D</b> | 20.<br><b>D</b> |
| 21.<br><b>B</b> | 22.<br><b>C</b> | 23.<br><b>B</b> | 24.<br><b>D</b> | 25.<br><b>B</b> |

KEY

2009 Abel Mathematics Contest

Answer Sheet

|                 |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1.<br><b>B</b>  | 2.<br><b>C</b>  | 3.<br><b>A</b>  | 4.<br><b>C</b>  | 5.<br><b>D</b>  |
| 6.<br><b>A</b>  | 7.<br><b>B</b>  | 8.<br><b>A</b>  | 9.<br><b>A</b>  | 10.<br><b>C</b> |
| 11.<br><b>D</b> | 12.<br><b>B</b> | 13.<br><b>A</b> | 14.<br><b>B</b> | 15.<br><b>C</b> |
| 16.<br><b>B</b> | 17.<br><b>B</b> | 18.<br><b>A</b> | 19.<br><b>D</b> | 20.<br><b>C</b> |
| 21.<br><b>D</b> | 22.<br><b>D</b> | 23.<br><b>B</b> | 24.<br><b>D</b> | 25.<br><b>B</b> |



# **Abel Math Contest – 2007**

**Time 30 Minutes**

**Calculator Permitted**

- |     |                     |     |                     |
|-----|---------------------|-----|---------------------|
| 1.  | <u>  <b>B</b>  </u> | 14. | <u>  <b>B</b>  </u> |
| 2.  | <u>  <b>C</b>  </u> | 15. | <u>  <b>C</b>  </u> |
| 3.  | <u>  <b>C</b>  </u> | 16. | <u>  <b>C</b>  </u> |
| 4.  | <u>  <b>C</b>  </u> | 17. | <u>  <b>D</b>  </u> |
| 5.  | <u>  <b>B</b>  </u> | 18. | <u>  <b>C</b>  </u> |
| 6.  | <u>  <b>C</b>  </u> | 19. | <u>  <b>C</b>  </u> |
| 7.  | <u>  <b>C</b>  </u> | 20. | <u>  <b>D</b>  </u> |
| 8.  | <u>  <b>A</b>  </u> | 21. | <u>  <b>B</b>  </u> |
| 9.  | <u>  <b>C</b>  </u> | 22. | <u>  <b>D</b>  </u> |
| 10. | <u>  <b>C</b>  </u> | 23. | <u>  <b>A</b>  </u> |
| 11. | <u>  <b>D</b>  </u> | 24. | <u>  <b>D</b>  </u> |
| 12. | <u>  <b>B</b>  </u> | 25. | <u>  <b>B</b>  </u> |
| 13. | <u>  <b>B</b>  </u> |     |                     |

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**Abel Math Contest – 2006**  
**Answer Key**

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|-----|--------------------------|-----|--------------------------|
| 1.  | <u>        B        </u> | 16. | <u>        D        </u> |
| 2.  | <u>        D        </u> | 17. | <u>        D        </u> |
| 3.  | <u>        A        </u> | 18. | <u>        B        </u> |
| 4.  | <u>        D        </u> | 19. | <u>        D        </u> |
| 5.  | <u>        B        </u> | 20. | <u>        D        </u> |
| 6.  | <u>        D        </u> | 21. | <u>        C        </u> |
| 7.  | <u>        D        </u> | 22. | <u>        B        </u> |
| 8.  | <u>        B        </u> | 23. | <u>        C        </u> |
| 9.  | <u>        A        </u> | 24. | <u>        A        </u> |
| 10. | <u>        D        </u> | 25. | <u>        D        </u> |
| 11. | <u>        D        </u> | 26. | <u>        C        </u> |
| 12. | <u>        B        </u> | 27. | <u>        C        </u> |
| 13. | <u>        C        </u> | 28. | <u>        B        </u> |
| 14. | <u>        B        </u> | 29. | <u>        A        </u> |
| 15. | <u>        B        </u> | 30. | <u>        B        </u> |

## Abel May 2005 Answer Key

|           |    |           |   |           |   |
|-----------|----|-----------|---|-----------|---|
| <b>1</b>  | 72 | <b>11</b> | A | <b>21</b> | B |
| <b>2</b>  | 12 | <b>12</b> | B | <b>22</b> | C |
| <b>3</b>  | 18 | <b>13</b> | C | <b>23</b> | D |
| <b>4</b>  | 30 | <b>14</b> | A | <b>24</b> | A |
| <b>5</b>  | 31 | <b>15</b> | A | <b>25</b> | B |
| <b>6</b>  | 9  | <b>16</b> | B | <b>26</b> | D |
| <b>7</b>  | C  | <b>17</b> | B | <b>27</b> | C |
| <b>8</b>  | C  | <b>18</b> | D | <b>28</b> | B |
| <b>9</b>  | D  | <b>19</b> | A | <b>29</b> | B |
| <b>10</b> | A  | <b>20</b> | A | <b>30</b> | D |