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**6.** Samson's Fishing Depot has $60,132.23 in profits each month to give out to 9 employees. Five employees are classified as Level 1, and 4 employees are Level 2. Each Level 1 employee gets 4% of the profits each month, whereas each Level 2 employee gets 8% of the profits. Which is the best estimate of how much more a Level 2 employee gets in profits each month than a Level 1 employee?

|  |  |
| --- | --- |
|  | **A.** $2,400.00 |

|  |  |
| --- | --- |
|  | **B.** $3,900.00 |

|  |  |
| --- | --- |
|  | **C.** $1,600.00 |

|  |  |
| --- | --- |
|  | **D.** $3,150.00 |

**7.** The school uses between 100 and 200 sheets of paper per school day. If paper costs the school $2.00 per 100 sheets, approximately how much does the school pay for paper every month? *(Remember to only count school days!)*

|  |  |
| --- | --- |
|  | **A.** $30.00 |

|  |  |
| --- | --- |
|  | **B.** $60.00 |

|  |  |
| --- | --- |
|  | **C.** $90.00 |

|  |  |
| --- | --- |
|  | **D.** $100.00 |

**8.** A computer company has a special going in which all customers receive a free monitor and scanner with the purchase of a new computer. It costs the company $392.32 to make each computer, $254.86 to make each monitor, and $45.10 to make each scanner. The computers are then sold, with the free monitor and free scanner, for $2,189.77 each. Approximately how much profit will the company make if 412 customers take advantage of their special? (Round to the nearest 50 dollars.)

|  |  |
| --- | --- |
|  | **A.** $660,000.00 |

|  |  |
| --- | --- |
|  | **B.** $550,000.00 |

|  |  |
| --- | --- |
|  | **C.** $380,000.00 |

|  |  |
| --- | --- |
|  | **D.** $600,000.00 |

**9.** A band just recorded a new album with 13 tracks. The shortest song on the album is 2 minutes and 13 seconds. The longest song on the album is 5 minutes and 37 seconds. What is a reasonable estimate for the total time of the album?

|  |  |
| --- | --- |
|  | **A.** 11 minutes |

|  |  |
| --- | --- |
|  | **B.** 4 minutes |

|  |  |
| --- | --- |
|  | **C.** 52 minutes |

|  |  |
| --- | --- |
|  | **D.** 104 minutes |

**10.** Jason is having a new fence built around his backyard. He received three different price estimates for the cost of the fence. He knows that he will need 321 boards for his fence and each board costs $1.85. The table below shows price estimates from three different people on the cost of the fence.

|  |  |
| --- | --- |
| Frank | $640 |
| Jack | $320 |
| Marcus | $715 |

Which person gave the most reasonable estimate on the price of the fence?

|  |  |
| --- | --- |
|  | **A.** Jack gave the most reasonable estimate. |

|  |  |
| --- | --- |
|  | **B.** Marcus gave the most reasonable estimate. |

|  |  |
| --- | --- |
|  | **C.** Frank gave the most reasonable estimate. |

|  |  |
| --- | --- |
|  | **D.** All the estimates are reasonable. |