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| 1. Multiply.   |  |  |  | | --- | --- | --- | |  | a. | –167.62 | |  | b. | –170.18 | |  | c. | 16.762 | |  | d. | 167.62 | |  | e. | –16.762 |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 2. Multiply without using pencil and paper or a calculator.   |  |  |  | | --- | --- | --- | |  | a. | 33,500 | |  | b. | 335,000 | |  | c. | 1,335 | |  | d. | 435 | |  | e. | 3,350 |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 3. Multiply and reduce your answer to lowest terms.   |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. | -1 | |  | d. | 1 | |  | e. |  |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 4. Divide.   |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. |  | |  | e. |  |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 5. Divide.   |  |  |  | | --- | --- | --- | |  | a. |  | |  | b. |  | |  | c. |  | |  | d. |  | |  | e. |  |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 6. Divide and round to the nearest tenth.   |  |  |  | | --- | --- | --- | |  | a. | –2.2 | |  | b. | –1.8 | |  | c. | –2.5 | |  | d. | –2.4 | |  | e. | –2.3 |  |  |  | | --- | --- | | *ANSWER:* | e | |

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| 7. Use a calculator to multiply the numbers.    (-284.3) · (-479.542)   |  |  |  | | --- | --- | --- | |  | a. | -136333.7906 | |  | b. | 136333.7906 | |  | c. | 763.842 | |  | d. | -763.842 |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 8. Use a calculator to divide the numbers.    149.435 ÷ (-64.45) ÷ 263.311     |  |  |  | | --- | --- | --- | |  | a. | 0.880562941 | |  | b. | 0.008805629 | |  | c. | -0.008805629 | |  | d. | -0.0000880563 |  |  |  | | --- | --- | | *ANSWER:* | c | |

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| 9. Use a calculator to evaluate the expression.     |  |  |  | | --- | --- | --- | |  | a. | –757.2782 | |  | b. | –0.0013205187 | |  | c. | –757.3242 | |  | d. | 758.1522 |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 10. According to his weight-loss program, Jose has to loose 20.4 pounds in 34 days. What number describes his average weight change per day?   |  |  |  | | --- | --- | --- | |  | a. | 0.5 pounds per day | |  | b. | 0.6 pounds per day | |  | c. | 1.7 pounds per day | |  | d. | 1.1 pounds per day | |  | e. | 0.7 pounds per day |  |  |  | | --- | --- | | *ANSWER:* | b | |

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| 11. On Monday Lisa had $1,933 on her account. On Tuesday and Wednesday she deposited of $193 and $196. On Thursday she made a payment of $1,656. She decided to split the rest of the money equally between three different accounts. How much money did she put on each new account?   |  |  |  | | --- | --- | --- | |  | a. | $222 | |  | b. | $1,326 | |  | c. | $666 | |  | d. | $1,067 |  |  |  | | --- | --- | | *ANSWER:* | a | |

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| 12. A company with 20 million shares earns $1.6 million one year and loses $2.6 million the next year. Find the per-share income for two years.       |  |  |  | | --- | --- | --- | |  | a. | $0.05 million | |  | b. | $1 million | |  | c. | -$0.05 million | |  | d. | -$1 million |  |  |  | | --- | --- | | *ANSWER:* | c | |