Volume Worksheet 1

Under each regression you need to write the equation and the r value. Round correctly to three decimal places. Circle the regression with the best “r” value.

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| Sect. 1  “A” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect. 2  “B” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect. 3  “C” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |

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| Sect. 4  “D” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect.5  “E” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect. 6  “F” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |

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| Sect.7  “G” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect. 8  “H” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |
| Sect. 9  “I” | LinReg  r = | QuadReg  r = | CubicReg  r = | QuartReg  r = | SinReg  r = | Other: \_\_\_\_\_\_\_\_  r = | Other:  \_\_\_\_\_\_\_\_  r = |