NUMBER: percentage decreases/increases

Date: **Name:**

Solve the percentage **<u>decrease</u>** problems below. Round answers to 2 d.p.

[1]   Decrease 50.6 by 21%

[2]   Decrease 11 by 19%

[3]   Decrease 237 by 59%

[4]   Decrease 18 by 16%

[5]   Decrease 870.5 by 14%

[6]   Decrease 910.5 by 54%

[7]   Decrease 126 by 88%

[8]   Decrease 137 by 75%

[9]   Decrease 149 by 41%

[10] Decrease 54.67 by 19%

[11] Decrease 74.67 by 10%

[12] Decrease 94.67 by 44%

[13] Decrease 15 by 25%

[14] Decrease 28 by 166%

[15] Decrease 34 by 143%

Solve the percentage **<u>increase</u>** problems below. Round answers to 2 d.p.

[16] Increase 442 by 54%

[17] Increase 451 by 19%

[18] Increase 462 by 54%

[19] Increase 67 by 67%

[20] Increase 75 by 8%

[21] Increase 91 by 21%

[22] Increase 0.372 by 29%

[23] Increase 52.372 by 79%

[24] Increase 60.372 by 26%

[25] Increase 438 by 12%

[26] Increase 580 by 75%

[27] Increase 596 by 55%

[28] Increase 1218 by 117%

[29] Increase 3.23 by 26%

[30] Increase 9.23 by 192%

ANSWERS

NUMBER: percentage decreases/increases

Date: **Name:**

Whole Numbers and Decimal Numbers   *http://www.learnersgrid.com*

Solve the percentage decrease problems below. Round answers to 2 d.p.

[1] Decrease 50.6 by 21%
  = 39.97

[2] Decrease 11 by 19%
  = 8.91

[3] Decrease 237 by 59%
  = 97.17

[4] Decrease 18 by 16%
  = 15.12

[5] Decrease 870.5 by 14%
  = 748.63

[6] Decrease 910.5 by 54%
  = 418.83

[7] Decrease 126 by 88%
  = 15.12

[8] Decrease 137 by 75%
  = 34.25

[9] Decrease 149 by 41%
  = 87.91

[10] Decrease 54.67 by 19%
  = 44.28

[11] Decrease 74.67 by 10%
  = 67.20

[12] Decrease 94.67 by 44%
  = 53.02

[13] Decrease 15 by 25%
  = 11.25

[14] Decrease 28 by 166%
  = -18.48

[15] Decrease 34 by 143%
  = -14.62

Solve the percentage increase problems below. Round answers to 2 d.p.

[16] Increase 442 by 54%
  = 680.68

[17] Increase 451 by 19%
  = 536.69

[18] Increase 462 by 54%
  = 711.48

[19] Increase 67 by 67%
  = 111.89

[20] Increase 75 by 8%
  = 81.00

[21] Increase 91 by 21%
  = 110.11

[22] Increase 0.372 by 29%
  = 0.48

[23] Increase 52.372 by 79%
  = 93.75

[24] Increase 60.372 by 26%
  = 76.07

[25] Increase 438 by 12%
  = 490.56

[26] Increase 580 by 75%
  = 1015.00

[27] Increase 596 by 55%
  = 923.80

[28] Increase 1218 by 117%

[29] Increase 3.23 by 26%

[30] Increase 9.23 by 192%

=   2643.06   =   4.07   =   26.95