

NUMBER: percentage decreases

Date:

Name:

Decimal Numbers

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

[1] Decrease 0.189 by 12%

[2] Decrease 5.289 by 6%

[3] Decrease 8.489 by 59%

[4] Decrease 0.25 by 22%

[5] Decrease 43.45 by 6%

[6] Decrease 82.65 by 65%

[7] Decrease 0.135 by 65%

[8] Decrease 12.435 by 93%

[9] Decrease 27.635 by 58%

[10] Decrease 88.3 by 36%

[11] Decrease 96.6 by 15%

[12] Decrease 107.7 by 20%

[13] Decrease 0.11 by 45%

[14] Decrease 7.31 by 72%

[15] Decrease 20.41 by 63%

[16] Decrease 15.9 by 42%

[17] Decrease 33.1 by 68%

[18] Decrease 41.2 by 38%

[19] Decrease 13 by 60%

[20] Decrease 20.1 by 86%

[21] Decrease 34.2 by 53%

[22] Decrease 29 by 21%

[23] Decrease 198.2 by 17%

[24] Decrease 202.5 by 41%

[25] Decrease 8.93 by 23%

[26] Decrease 183.13 by 76%

[27] Decrease 199.43 by 50%

[28] Decrease 125.1 by 227%

[29] Decrease 190.3 by 187%

[30] Decrease 193.6 by 187%

ANSWERS

NUMBER: percentage decreases

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

[1] Decrease 0.189 by 12%
= 0.17

[2] Decrease 5.289 by 6%
= 4.97

[3] Decrease 8.489 by 59%
= 3.48

[4] Decrease 0.25 by 22%
= 0.20

[5] Decrease 43.45 by 6%
= 40.84

[6] Decrease 82.65 by 65%
= 28.93

[7] Decrease 0.135 by 65%
= 0.05

[8] Decrease 12.435 by 93%
= 0.87

[9] Decrease 27.635 by 58%
= 11.61

[10] Decrease 88.3 by 36%
= 56.51

[11] Decrease 96.6 by 15%
= 82.11

[12] Decrease 107.7 by 20%
= 86.16

[13] Decrease 0.11 by 45%
= 0.06

[14] Decrease 7.31 by 72%
= 2.05

[15] Decrease 20.41 by 63%
= 7.55

[16] Decrease 15.9 by 42%
= 9.22

[17] Decrease 33.1 by 68%
= 10.59

[18] Decrease 41.2 by 38%
= 25.54

[19] Decrease 13 by 60%
= 5.20

[20] Decrease 20.1 by 86%
= 2.81

[21] Decrease 34.2 by 53%
= 16.07

[22] Decrease 29 by 21%
= 22.91

[23] Decrease 198.2 by 17%
= 164.51

[24] Decrease 202.5 by 41%
= 119.48

[25] Decrease 8.93 by 23%
= 6.88

[26] Decrease 183.13 by 76%
= 43.95

[27] Decrease 199.43 by 50%
= 99.72

[28] Decrease 125.1 by 227%
= -158.88

[29] Decrease 190.3 by 187%
= -165.56

[30] Decrease 193.6 by 187%
= -168.43