

NUMBER: percentage increases

Date:

Name:

Whole Numbers and Decimal Numbers.

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

[1] Increase 49.2 by 17%

[2] Increase 55.5 by 7%

[3] Increase 71.6 by 27%

[4] Increase 0.13 by 29%

[5] Increase 39.23 by 26%

[6] Increase 62.33 by 65%

[7] Increase 0.183 by 83%

[8] Increase 14.283 by 96%

[9] Increase 32.383 by 36%

[10] Increase 0.366 by 32%

[11] Increase 20.466 by 16%

[12] Increase 40.666 by 58%

[13] Increase 1.6 by 37%

[14] Increase 14.7 by 80%

[15] Increase 21.8 by 59%

[16] Increase 148 by 37%

[17] Increase 167 by 24%

[18] Increase 1997 by 34%

[19] Increase 173 by 117%

[20] Increase 369 by 201%

[21] Increase 423 by 30%

[22] Increase 618 by 226%

[23] Increase 670 by 75%

[24] Increase 1612 by 97%

[25] Increase 914 by 19%

[26] Increase 1654 by 153%

[27] Increase 2778 by 139%

[28] Increase 5719 by 47%

[29] Increase 6233 by 123%

[30] Increase 6244 by 154%

ANSWERS

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

[1] Increase 49.2 by 17%
= 57.56

[2] Increase 55.5 by 7%
= 59.39

[3] Increase 71.6 by 27%
= 90.93

[4] Increase 0.13 by 29%
= 0.17

[5] Increase 39.23 by 26%
= 49.43

[6] Increase 62.33 by 65%
= 102.84

[7] Increase 0.183 by 83%
= 0.33

[8] Increase 14.283 by 96%
= 27.99

[9] Increase 32.383 by 36%
= 44.04

[10] Increase 0.366 by 32%
= 0.48

[11] Increase 20.466 by 16%
= 23.74

[12] Increase 40.666 by 58%
= 64.25

[13] Increase 1.6 by 37%
= 2.19

[14] Increase 14.7 by 80%
= 26.46

[15] Increase 21.8 by 59%
= 34.66

[16] Increase 148 by 37%
= 202.76

[17] Increase 167 by 24%
= 207.08

[18] Increase 1997 by 34%
= 2675.98

[19] Increase 173 by 117%
= 375.41

[20] Increase 369 by 201%
= 1110.69

[21] Increase 423 by 30%
= 549.90

[22] Increase 618 by 226%
= 2014.68

[23] Increase 670 by 75%
= 1172.50

[24] Increase 1612 by 97%
= 3175.64

[25] Increase 914 by 19%
= 1087.66

[26] Increase 1654 by 153%
= 4184.62

[27] Increase 2778 by 139%
= 6639.42

[28] Increase 5719 by 47%
= 8406.93

[29] Increase 6233 by 123%
= 13899.59

[30] Increase 6244 by 154%
= 15859.76