

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 1.08 by 18%

[2] Increase 14.18 by 8%

[3] Increase 20.48 by 45%

[4] Increase 0.025 by 21%

[5] Increase 33.125 by 26%

[6] Increase 66.425 by 63%

[7] Increase 1.95 by 72%

[8] Increase 22.05 by 89%

[9] Increase 36.15 by 22%

[10] Increase 0.384 by 55%

[11] Increase 20.684 by 19%

[12] Increase 22.984 by 58%

[13] Increase 1.5 by 57%

[14] Increase 10.8 by 62%

[15] Increase 26.9 by 60%

[16] Increase 85 by 62%

[17] Increase 91 by 76%

[18] Increase 1279 by 76%

[19] Increase 280 by 110%

[20] Increase 354 by 207%

[21] Increase 421 by 54%

[22] Increase 670 by 88%

[23] Increase 871 by 72%

[24] Increase 1972 by 109%

[25] Increase 1082 by 15%

[26] Increase 1947 by 152%

[27] Increase 3229 by 144%

[28] Increase 1549 by 56%

[29] Increase 2074 by 122%

[30] Increase 2084 by 21%

ANSWERS

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

[1] Increase 1.08 by 18%
= 1.27

[2] Increase 14.18 by 8%
= 15.31

[3] Increase 20.48 by 45%
= 29.70

[4] Increase 0.025 by 21%
= 0.03

[5] Increase 33.125 by 26%
= 41.74

[6] Increase 66.425 by 63%
= 108.27

[7] Increase 1.95 by 72%
= 3.35

[8] Increase 22.05 by 89%
= 41.67

[9] Increase 36.15 by 22%
= 44.10

[10] Increase 0.384 by 55%
= 0.60

[11] Increase 20.684 by 19%
= 24.61

[12] Increase 22.984 by 58%
= 36.31

[13] Increase 1.5 by 57%
= 2.36

[14] Increase 10.8 by 62%
= 17.50

[15] Increase 26.9 by 60%
= 43.04

[16] Increase 85 by 62%
= 137.70

[17] Increase 91 by 76%
= 160.16

[18] Increase 1279 by 76%
= 2251.04

[19] Increase 280 by 110%
= 588.00

[20] Increase 354 by 207%
= 1086.78

[21] Increase 421 by 54%
= 648.34

[22] Increase 670 by 88%
= 1259.60

[23] Increase 871 by 72%
= 1498.12

[24] Increase 1972 by 109%
= 4121.48

[25] Increase 1082 by 15%
= 1244.30

[26] Increase 1947 by 152%
= 4906.44

[27] Increase 3229 by 144%
= 7878.76

[28] Increase 1549 by 56%
= 2416.44

[29] Increase 2074 by 122%
= 4604.28

[30] Increase 2084 by 21%
= 2521.64