

# 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 4.45 by 13%

[2] Increase 10.75 by 20%

[3] Increase 20.85 by 51%

[4] Increase 0.26 by 24%

[5] Increase 71.46 by 5%

[6] Increase 100.76 by 59%

[7] Increase 10 by 60%

[8] Increase 22.2 by 86%

[9] Increase 42.4 by 80%

[10] Increase 52.3 by 69%

[11] Increase 62.5 by 19%

[12] Increase 71.7 by 50%

[13] Increase 0.014 by 63%

[14] Increase 10.314 by 80%

[15] Increase 20.414 by 48%

[16] Increase 412 by 47%

[17] Increase 419 by 30%

[18] Increase 1406 by 30%

[19] Increase 364 by 76%

[20] Increase 488 by 73%

[21] Increase 546 by 28%

[22] Increase 759 by 155%

[23] Increase 787 by 84%

[24] Increase 1654 by 64%

[25] Increase 394 by 18%

[26] Increase 1300 by 165%

[27] Increase 2534 by 138%

[28] Increase 6432 by 39%

[29] Increase 7031 by 129%

[30] Increase 7042 by 118%

# ANSWERS

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

[1] Increase 4.45 by 13%  
= 5.03

[2] Increase 10.75 by 20%  
= 12.90

[3] Increase 20.85 by 51%  
= 31.48

[4] Increase 0.26 by 24%  
= 0.32

[5] Increase 71.46 by 5%  
= 75.03

[6] Increase 100.76 by 59%  
= 160.21

[7] Increase 10 by 60%  
= 16.00

[8] Increase 22.2 by 86%  
= 41.29

[9] Increase 42.4 by 80%  
= 76.32

[10] Increase 52.3 by 69%  
= 88.39

[11] Increase 62.5 by 19%  
= 74.38

[12] Increase 71.7 by 50%  
= 107.55

[13] Increase 0.014 by 63%  
= 0.02

[14] Increase 10.314 by 80%  
= 18.57

[15] Increase 20.414 by 48%  
= 30.21

[16] Increase 412 by 47%  
= 605.64

[17] Increase 419 by 30%  
= 544.70

[18] Increase 1406 by 30%  
= 1827.80

[19] Increase 364 by 76%  
= 640.64

[20] Increase 488 by 73%  
= 844.24

[21] Increase 546 by 28%  
= 698.88

[22] Increase 759 by 155%  
= 1935.45

[23] Increase 787 by 84%  
= 1448.08

[24] Increase 1654 by 64%  
= 2712.56

[25] Increase 394 by 18%  
= 464.92

[26] Increase 1300 by 165%  
= 3445.00

[27] Increase 2534 by 138%  
= 6030.92

[28] Increase 6432 by 39%  
= 8940.48

[29] Increase 7031 by 129%  
= 16100.99

[30] Increase 7042 by 118%  
= 15351.56