

# NUMBER: percentage increases

Date:

Name:

Decimal Numbers.

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

[1] Increase 31.4 by 17%

[2] Increase 41.5 by 26%

[3] Increase 48.8 by 32%

[4] Increase 0.25 by 18%

[5] Increase 56.55 by 21%

[6] Increase 90.85 by 63%

[7] Increase 0.121 by 85%

[8] Increase 11.221 by 93%

[9] Increase 30.321 by 45%

[10] Increase 40.2 by 56%

[11] Increase 47.3 by 8%

[12] Increase 66.6 by 26%

[13] Increase 1.8 by 83%

[14] Increase 11 by 81%

[15] Increase 31.2 by 42%

[16] Increase 18.28 by 43%

[17] Increase 29.48 by 65%

[18] Increase 36.68 by 74%

[19] Increase 2.994 by 65%

[20] Increase 20.194 by 178%

[21] Increase 27.394 by 46%

[22] Increase 468 by 117%

[23] Increase 536.3 by 82%

[24] Increase 552.6 by 69%

[25] Increase 1.47 by 27%

[26] Increase 112.77 by 109%

[27] Increase 126.97 by 136%

[28] Increase 8.62 by 59%

[29] Increase 68.92 by 115%

[30] Increase 78.22 by 89%

# ANSWERS

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

[1] Increase 31.4 by 17%  
= 36.74

[2] Increase 41.5 by 26%  
= 52.29

[3] Increase 48.8 by 32%  
= 64.42

[4] Increase 0.25 by 18%  
= 0.30

[5] Increase 56.55 by 21%  
= 68.43

[6] Increase 90.85 by 63%  
= 148.09

[7] Increase 0.121 by 85%  
= 0.22

[8] Increase 11.221 by 93%  
= 21.66

[9] Increase 30.321 by 45%  
= 43.97

[10] Increase 40.2 by 56%  
= 62.71

[11] Increase 47.3 by 8%  
= 51.08

[12] Increase 66.6 by 26%  
= 83.92

[13] Increase 1.8 by 83%  
= 3.29

[14] Increase 11 by 81%  
= 19.91

[15] Increase 31.2 by 42%  
= 44.30

[16] Increase 18.28 by 43%  
= 26.14

[17] Increase 29.48 by 65%  
= 48.64

[18] Increase 36.68 by 74%  
= 63.82

[19] Increase 2.994 by 65%  
= 4.94

[20] Increase 20.194 by 178%  
= 56.14

[21] Increase 27.394 by 46%  
= 40.00

[22] Increase 468 by 117%  
= 1015.56

[23] Increase 536.3 by 82%  
= 976.07

[24] Increase 552.6 by 69%  
= 933.89

[25] Increase 1.47 by 27%  
= 1.87

[26] Increase 112.77 by 109%  
= 235.69

[27] Increase 126.97 by 136%  
= 299.65

[28] Increase 8.62 by 59%  
= 13.71

[29] Increase 68.92 by 115%  
= 148.18

[30] Increase 78.22 by 89%  
= 147.84