

# 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 21.1 by 11%

[2] Increase 38.2 by 28%

[3] Increase 56.4 by 25%

[4] Increase 0.016 by 13%

[5] Increase 84.316 by 10%

[6] Increase 117.416 by 51%

[7] Increase 1.95 by 75%

[8] Increase 14.15 by 82%

[9] Increase 27.25 by 20%

[10] Increase 16.9 by 70%

[11] Increase 33.2 by 10%

[12] Increase 36.4 by 30%

[13] Increase 0.012 by 89%

[14] Increase 9.112 by 78%

[15] Increase 11.312 by 56%

[16] Increase 188.2 by 31%

[17] Increase 203.3 by 34%

[18] Increase 205.6 by 41%

[19] Increase 28.36 by 109%

[20] Increase 42.46 by 174%

[21] Increase 47.66 by 59%

[22] Increase 161.1 by 111%

[23] Increase 298.2 by 13%

[24] Increase 302.4 by 44%

[25] Increase 64.5 by 23%

[26] Increase 197.7 by 139%

[27] Increase 217.9 by 147%

[28] Increase 518.5 by 42%

[29] Increase 617.7 by 131%

[30] Increase 636.8 by 58%

# ANSWERS

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

[1] Increase 21.1 by 11%  
= 23.42

[2] Increase 38.2 by 28%  
= 48.90

[3] Increase 56.4 by 25%  
= 70.50

[4] Increase 0.016 by 13%  
= 0.02

[5] Increase 84.316 by 10%  
= 92.75

[6] Increase 117.416 by 51%  
= 177.30

[7] Increase 1.95 by 75%  
= 3.41

[8] Increase 14.15 by 82%  
= 25.75

[9] Increase 27.25 by 20%  
= 32.70

[10] Increase 16.9 by 70%  
= 28.73

[11] Increase 33.2 by 10%  
= 36.52

[12] Increase 36.4 by 30%  
= 47.32

[13] Increase 0.012 by 89%  
= 0.02

[14] Increase 9.112 by 78%  
= 16.22

[15] Increase 11.312 by 56%  
= 17.65

[16] Increase 188.2 by 31%  
= 246.54

[17] Increase 203.3 by 34%  
= 272.42

[18] Increase 205.6 by 41%  
= 289.90

[19] Increase 28.36 by 109%  
= 59.27

[20] Increase 42.46 by 174%  
= 116.34

[21] Increase 47.66 by 59%  
= 75.78

[22] Increase 161.1 by 111%  
= 339.92

[23] Increase 298.2 by 13%  
= 336.97

[24] Increase 302.4 by 44%  
= 435.46

[25] Increase 64.5 by 23%  
= 79.34

[26] Increase 197.7 by 139%  
= 472.50

[27] Increase 217.9 by 147%  
= 538.21

[28] Increase 518.5 by 42%  
= 736.27

[29] Increase 617.7 by 131%  
= 1426.89

[30] Increase 636.8 by 58%  
= 1006.14