

NUMBER: percentage decreases/increases

Date:

Name:

Whole Numbers

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

[1] Decrease 271 by 10%

[2] Decrease 278 by 8%

[3] Decrease 282 by 47%

[4] Decrease 24 by 26%

[5] Decrease 39 by 13%

[6] Decrease 76 by 54%

[7] Decrease 143 by 69%

[8] Decrease 162 by 99%

[9] Decrease 175 by 65%

[10] Decrease 466 by 25%

[11] Decrease 472 by 14%

[12] Decrease 492 by 56%

[13] Decrease 18 by 97%

[14] Decrease 30 by 177%

[15] Decrease 37 by 198%

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

[16] Increase 182 by 35%

[17] Increase 202 by 22%

[18] Increase 215 by 74%

[19] Increase 249 by 64%

[20] Increase 264 by 70%

[21] Increase 276 by 57%

[22] Increase 350 by 25%

[23] Increase 421 by 15%

[24] Increase 428 by 20%

[25] Increase 569 by 14%

[26] Increase 699 by 72%

[27] Increase 710 by 92%

[28] Increase 1132 by 132%

[29] Increase 1223 by 135%

[30] Increase 1231 by 188%

ANSWERS

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

[1] Decrease 271 by 10%
= 243.90

[2] Decrease 278 by 8%
= 255.76

[3] Decrease 282 by 47%
= 149.46

[4] Decrease 24 by 26%
= 17.76

[5] Decrease 39 by 13%
= 33.93

[6] Decrease 76 by 54%
= 34.96

[7] Decrease 143 by 69%
= 44.33

[8] Decrease 162 by 99%
= 1.62

[9] Decrease 175 by 65%
= 61.25

[10] Decrease 466 by 25%
= 349.50

[11] Decrease 472 by 14%
= 405.92

[12] Decrease 492 by 56%
= 216.48

[13] Decrease 18 by 97%
= 0.54

[14] Decrease 30 by 177%
= -23.10

[15] Decrease 37 by 198%
= -36.26

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

[16] Increase 182 by 35%
= 245.70

[17] Increase 202 by 22%
= 246.44

[18] Increase 215 by 74%
= 374.10

[19] Increase 249 by 64%
= 408.36

[20] Increase 264 by 70%
= 448.80

[21] Increase 276 by 57%
= 433.32

[22] Increase 350 by 25%
= 437.50

[23] Increase 421 by 15%
= 484.15

[24] Increase 428 by 20%
= 513.60

[25] Increase 569 by 14%
= 648.66

[26] Increase 699 by 72%
= 1202.28

[27] Increase 710 by 92%
= 1363.20

[28] Increase 1132 by 132%

[29] Increase 1223 by 135%

[30] Increase 1231 by 188%

= 2626.24

= 2874.05

= 3545.28