



Math worksheet on 'Percent reduction of a number (1% multiples) (Level 1)'. Part of a broader unit on 'Percentages - Advanced'

Learn online: [app.mobius.academy/math/units/percentages\\_advanced/](http://app.mobius.academy/math/units/percentages_advanced/)

**1** Calculate the final number when it changes by a percentage

11% less than 50

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 28.93    | 64.53    | 55.63    | 44.5     | 53.4     | 35.6     |

**2** Calculate the final number when it changes by a percentage

2% less than 60

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 29.4     | 32.34    | 49.98    | 61.74    | 73.5     | 58.8     |

**3** Calculate the final number when it changes by a percentage

18% less than 40

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 18.04    | 32.8     | 29.52    | 42.64    | 47.56    | 39.36    |

**4** Calculate the final number when it changes by a percentage

16% less than 40

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 36.96    | 18.48    | 33.6     | 21.84    | 48.72    | 47.04    |

**5** Calculate the final number when it changes by a percentage

12% less than 70

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 49.28    | 83.16    | 46.2     | 61.6     | 33.88    | 86.24    |

**6** Calculate the final number when it changes by a percentage

12% less than 90

|          |        |          |        |
|----------|--------|----------|--------|
| <b>a</b> | 55.44  | <b>b</b> | 102.96 |
| <b>c</b> | 114.84 | <b>d</b> | 59.4   |
| <b>e</b> | 83.16  | <b>f</b> | 79.2   |

**7** Calculate the final number when it changes by a percentage

11% less than 70

|          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|
| <b>a</b> | <b>b</b> | <b>c</b> | <b>d</b> | <b>e</b> | <b>f</b> |
| 43.61    | 31.15    | 62.3     | 87.22    | 34.27    | 49.84    |