PUZZLING PERCENTAGES - SHEET 1

| Calculate the percentage increase (without a calculator) |  |  |
| :---: | :--- | :--- |
| 1 | Increase 200 by $10 \%$ |  |
| 4 | Increase 130 by $20 \%$ |  |
| 3 | Increase 160 by $5 \%$ |  |
| 4 | Increase 220 by $15 \%$ |  |
| 5 | Increase 413 by $10 \%$ |  |
| 6 | Increase 136 by $20 \%$ |  |
| 7 | Increase 96 by $50 \%$ |  |
| 8 | Increase 312 by $25 \%$ |  |
| 9 | Increase 124 by $15 \%$ |  |
| 10 | Increase 160 by $20 \%$ |  |
| 11 | Increase 160 by $1 \%$ |  |
| 14 | Increase 160 by $2 \%$ |  |
| 13 | Increase 160 by $3 \%$ |  |
| 14 | Increase 320 by $15 \%$ |  |
| 15 | Increase 75 by $33.3 \%$ |  |
| 16 | Increase 50 by $11 \%$ |  |
| 17 | Increase 17 by $10 \%$ |  |
| 18 | Increase 45 by $20 \%$ |  |
| 19 | Increase 200 by $35 \%$ |  |
| 20 | Increase 200 by $60 \%$ |  |
|  |  |  |


| Calculate the percentage decrease (without a calculator) |  |  |
| ---: | :--- | :--- |
| 1 | Decrease 200 by $10 \%$ |  |
| 4 | Decrease 130 by $20 \%$ |  |
| 3 | Decrease 160 by $5 \%$ |  |
| 4 | Decrease 220 by $15 \%$ |  |
| 5 | Decrease 413 by $10 \%$ |  |
| 6 | Decrease 136 by $20 \%$ |  |
| 7 | Decrease 96 by $50 \%$ |  |
| 8 | Decrease 312 by $25 \%$ |  |
| 9 | Decrease 124 by $15 \%$ |  |
| 10 | Decrease 160 by $20 \%$ |  |
| 11 | Decrease 160 by $1 \%$ |  |
| 14 | Decrease 160 by $2 \%$ |  |
| 13 | Decrease 160 by $3 \%$ |  |
| 14 | Decrease 320 by $15 \%$ |  |
| 15 | Decrease 75 by $33.3 \%$ |  |
| 16 | Decrease 50 by $11 \%$ |  |
| 17 | Decrease 17 by $10 \%$ |  |
| 18 | Decrease 45 by $20 \%$ |  |
| 19 | Decrease 200 by $35 \%$ |  |
| 20 | Decrease 200 by $60 \%$ |  |
|  |  | TOTAL: |

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