

Create an equation to represent the situation and then solve using algebra! (Highlight for answers)

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| Thirty percent of a number is eighteen. | One-hundred fifty-five percent of a number is three thousand. |
| EQ: $30\% of n = 18$ $0.3n = 18$ | EQ: $155\% of n = 3000$ $1.55n = 3000$ |

Create an equation to represent the situation and then solve using algebra!

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| 0.6% of a number is ninety-one. | Forty-eight percent of a number is twenty-two. |
| EQ: $0.6\% of n = 91$ $0.006n = 91$ | EQ: $48\% of n = 22$ $0.48n = 22$ |

Create an equation to represent the situation and then solve using algebra!

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| Seventeen percent of a number is fifteen less than seventy percent of the same number. | Two-hundred percent of a number is eighteen greater than one-hundred twenty percent of the same number. |
| EQ: $17\% of n = 70\% of n - 15$ $0.17n = 0.7n - 15$ | EQ: $200\% of n = 120\% of n + 18$ $2n = 1.2n + 18$ |