**Percent Equation Part 1**

Convert Percents to Decimals 🡪

a) 25% b) 32.4% c) 120% d) 4% e) 4.5%

Percentage Problems 🡪

|  |  |
| --- | --- |
| 25% of 80 | 18% of 200 |
| 50% of 62 | 32.4% of 120 |

Try on Your Own 🡪

1. 39% of 300 2) 25.5% of 76 3) 26% of 504

4) 71% of 842 5) 84% of 64 6) 75% of 80

**Percent Equation Part 2**

Write an equation for the following sentences 🡪

a) The sum of *x* and 7 is 9 b) The product of 5 and *x* is 30

**Percent Equation**

|  |  |
| --- | --- |
| a) 14 is 25% of what number? | b) What percent of 80 is 4? |
| c) 75% of what number is 9? | d) What number is 30% of 450? |
| e) 63 is what percent of 350? | f) 198 is what percent of 900? |

Try on Your Own 🡪

1. 30% of what number is 21? 2) 15.25 is 25% of what number? 3) 12.5% of what number is 6.25?

4) 43.2 is 90% of what number? 5) 20% of what number is 9? 6) 86 is 200% of what number?