Name_____ Period_____ Date_____

Percent Equation 3

"a is p % of b"

$$\frac{a}{b} = \frac{p}{100}$$

For problems 1-3, set up the problems using the percent equation. Do not solve.
1) 20 is what % of 140?   2) What is 30% of 60?   3) 40 is 10 % of what?

For problems 4-12, set up the problems using the percent equation, and then solve.
4) 34 is 50 % of what?   5) 5 is 20 % of what?   6) What is 15% of 90?

7) What is 25 % of 120?   8) 150 is 300% of what?   9) 30 is 5 % of what?

10) What is 12 % of 130?   11) 40 is what % of 120?   12) 12 is 15% of what?

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$$\frac{a}{60} = \frac{30}{100}$$

$$\frac{40}{b} = \frac{10}{100}$$

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68   **25**   **13.5**

7) What is 25 % of 120?   8) 150 is 300% of what?   9) 30 is 5 % of what?

30   **50**   **600**

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15.6   **33.33%**   **80**