Using Proportions to solve percent problems.

$$\frac{is}{of} = \frac{\%}{100}$$

1. 20 is what % of 40?

2. 15 is what % of 25?

3. 25% of what # is 50?

4. 75% of what # is 60?

5. 105 is 150% of what #?

6. 25% of _____=18

7. 6% of 340 = _____

More Equations

1. $11 - (c + 2) = 2c - 3(2c - 1)$

2. $3(2b + 1) = 39 - (2b + 4)$

3. $2(2x + 1) = 3x - (x + 2) + 8$

4. $3(2x - 1) - 6 = 3x - (2x + 19)$