NAME _____
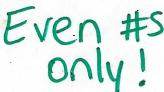
Read each problem carefully to determine which number is missing - the *part* or the *whole*. Show your work, circle your answer!   ✱ Use the **percent proportion**.
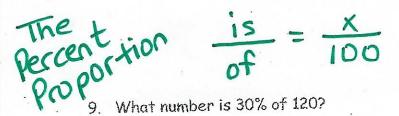
1. 40% of what number is 18?

$$is \rightarrow \frac{18}{x} \underset{\times}{\overset{40}{\diagdown}} \frac{40}{100} \leftarrow \%$$

of → x

$$\frac{40 \cdot x}{40} = \frac{1800}{40}$$

$$\boxed{x = 45}\ \text{answer}$$

2. What number is 35% of 80?

3. What number is 25% of 76?

Even #s only!

4. 60% of 35 is what number?

5. 40% of what number is 22?

Show Your work!

6. What number is 50% of 82?

7. 48 is 15% of what number?

8. 30% of what number is 24?

The Percent Proportion $\dfrac{is}{of} = \dfrac{x}{100}$

9. What number is 30% of 120?

10. 26 is 65% of what number?

11. 54 is 150% of what number?

12. 275% of 84 is what number?

13. What number is 33% of 18?

14. 15 is 24% of what number?