

# Homework for Wednesday 3-20-19

Percent Problems

p.12

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?

$$\begin{array}{r} 18 \quad \swarrow \quad \searrow 40 \\ \times \quad \quad \quad 100 \end{array}$$

$$40 \cdot x = 18 \cdot 100$$

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

$$x = 45$$

3. What number is 25% of 76?

2. What number is 35% of 80?

4. 60% of 35 is what number?

5. 40% of what number is 22?

6. What number is 50% of 82?

7. 48 is 15% of what number?

8. 30% of what number is 24?

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?

we did these together in class

it's only even