

Math 5 Homework 13

January 19, 2025

1. Factorize:

$$2a + 8 =$$

2. Open parenthesis, simplify:

$$(a - 2b) \cdot (2a - b) = \dots$$

3. As we discussed during the lesson, there are two system of units ***Imperial units***, which we use here in United States (miles, yards, feet, inches, lb., pounds, oz, ounces) and ***SI***(System Internacional, in French)(meter, cm, mm, kilograms, grams, liters,)

$$1m = 100cm$$

$$1cm = 10mm$$

$$1m = 1000mm$$

$$1\mu m = \frac{1}{1000}mm$$

$$1nm = \frac{1}{1000}\mu m$$

Write the following as **powers of 10**:

$$1m = ? cm$$

$$1cm = mm$$

$$*1m = ? \mu m$$

See next page a picture about units.

Watch movies about the above. Please be ready to discuss the movies' details

about SI units

https://www.youtube.com/watch?v=_ePadt2Dx60

about the powers of 10

<https://youtu.be/44cv416bKP4?si=H5bpOIkndqWK-nh6>

Customary and international system (SI) units

