

Oberlin High School
Mathematics Department
Grade 9 Worksheet for the Week of October 5 - 9, 2020

Student Name: _____

Teacher: _____

Class: _____

Date Submitted: _____

General Instructions:

- a) Solve all questions and **show working**.
- b) Take a picture of your work and email to Oberlin.math@gmail.com to be graded.

1. Calculate the exact value of:

$$\frac{3\frac{1}{4} - 2\frac{1}{2}}{1\frac{5}{6}}$$

(4 marks)

2. Write the value of $(11.2)^2 - (0.375 \div 3)$

- a. exactly
- b. correct to two decimal places
- c. correct to three significant figures
- d. in standard form

(6 marks)

3. A large box contains 18 small boxes and each small box contains 25 chocolate bars. How many chocolate bars are in the large box? **(2 marks)**

4. The price of a shirt is 100 dollars. The store manager gives a discount of 50 dollars. A man and his brother bought 4 shirts and then shared the cost equally with each other. Calculate the price paid by each brother.

(3 marks)

TOTAL: 15 MARKS