Activity Workbook for MTH 20

Fundamentals of Mathematics

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1 Introduction

Introduction

This section is just a wrapper for the actual worksheet.

Worksheet: Introduction

Preparation. Answer the following questions about the syllabus.

1. Write down the room number and meeting time for our class:

2. Write down the instructor's email address:

3. What are three ways you can obtain help in this class?

Preparation.   Answer the following questions about the syllabus.

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2 Integers

Whole Numbers

In this section...

Worksheet: Arithmetic Practice

Practice with Units.. Perform the indicated operation and write your answer with the proper units.

1. $301 + $452

2. 835 miles $+ 406$ miles

3. 16075 yen $+ 5986$ yen

4. 768 cases $- 513$ cases

5. 5280 feet $- 355$ feet

6. $10,001 − $979

7. 8000 Chilean pesos $\times 10$

8. 862 euros $\cdot 15$

9. (7,456 km)(52)

10. 1500 inches $\div 3$

11. 496 ounces $\div 4$

12. 1914 yuan $\div 6$

13. $152 + $399 + $1,032

14. 862 meters $\cdot 36 \cdot 2$

15. 2935 mm $\div 5$

16. 1,000 liters $- 628$ liters

17. (4,362)(30 days)

18. 156,983 rupees $- 93,299$ rupees

19. 16,450 Nigerian naira $\times 18$

20. 8320 pounds $\div 16$

21. 18 mg $+ 132$ mg $+ 1549$ mg

Problem Solving with Whole Numbers.   For each problem, decide which mathematical operation(s) is appropriate to use and then find the answer. Show your thinking with words, symbols, and/or pictures. Write your answer in a complete sentence.

22. A movie theater makes a $4 profit on each ticket sold. How many tickets must be sold to make a profit of $2,500?
    Mathematical operation(s):
    Solution:

23. A savings account contained $1,370. After a withdrawal of $197 and a deposit of $340, how much is now in the account?
    Mathematical operation(s):
    Solution:

24. How many tablets should a pharmacist give a person who needs to take 2 tablets 3 times a day for 14 days?
    Mathematical operation(s):
    Solution:

25. The cost of a student parking pass at PCC is $50 per term if you buy it online. If a daily pass is $5, after how many days does a term pass pay off?
    Mathematical operation(s):
    Solution:

Colophon

This book was authored in PreTeXt.