

Instructions for Thursday, September 5th, 2024.

Good morning / afternoon, scholars,

I will be out today and expect to return Friday. In the meantime, you are to work on the following tasks:

1. Log-on to **HMH**. An **Interactive Assignment** for **Estimate with 2 Digit Divisors** has been posted. Go to your current assignments to see it. Please complete this before the end of class. **Completion will be graded as classwork.**
2. If you finish the interactive assignment before the end of class, work on the **Homework for Lesson 1.4** which I have attached below. **You will submit this later as part of your homework.**
3. Finally, if you finish both the **Interactive Lesson** *and* the **Homework for Lesson 1.4**, please complete the 40 questions that have been posted and assigned on SumDog.

Remember: The substitute you have today is a guest in our classroom. Treat them with the utmost respect, even more than you would show me.

See you all soon,

- Mr. Vanegas

Estimate with 2-Digit Divisors

Go Online

Interactive Examples

Use compatible numbers to find two estimates.

21. $18 \overline{)1,322}$

22. $12 \overline{)478}$

23. $33,671 \div 12$

24. $2,242 \div 33$

$1,200 \div 20 = 60$

$1,400 \div 20 = 70$

Use compatible numbers to estimate the quotient.

25. $82 \overline{)5,514}$

26. $61 \overline{)5,320}$

27. $28 \overline{)776}$

28. $23 \overline{)16,259}$

Problem Solving

29. A cubic yard of topsoil weighs 4,128 pounds. About how many 50-pound bags of topsoil can you fill with one cubic yard of topsoil?

30. An electronics store places an order for 2,665 USB flash drives. One shipping box holds 36 flash drives. About how many boxes will it take to hold all the flash drives?

31.  Create a division problem with a 2-digit divisor.

Using more than 1 set of compatible numbers, observe what happens when you estimate using a different divisor, a different dividend, and when both are different. Using a calculator, compare the estimates to the answer and describe the differences.

Lesson Check

- 32.** Geneva has 567 earmuffs in stock. If she can put 18 earmuffs on each shelf, about how many shelves does she need for all the earmuffs?
- 33.** Mr. Franchot pays \$327 for one dozen collector's edition baseball cards. About how much does he pay for each baseball card?
