

Name _____

Date _____

CLASSROOM MATH

Division Word Problems

Math isn't just for math class. It is used to solve problems in every subject. Help Mr. Hammond's class figure out their problems using math. Show your work.



1. Claire has 6 days to complete 3 grammar worksheets. The worksheets have 20, 18, and 16 questions. How many questions should Claire answer each day?

$$20 + 18 + 16 = 54 \text{ questions total}$$

$$54 \div 6 = 9$$

Claire needs to complete 9 questions per day.

2. Eleanor has to read a book in two weeks. If there are 182 pages in the book, how many pages does she have to read each day?

Two weeks = 14 days

$$\begin{array}{r} 13 \\ 14 \overline{)182} \\ \underline{-14} \\ 42 \\ \underline{-42} \\ 0 \end{array}$$

Eleanor has to read 13 pages per day.

3. Michelle finished typing the book summary for her book report and found out that it is 4 pages and 412 words long. What is the average word count per page?

$$\begin{array}{r} 103 \\ 4 \overline{)412} \\ \underline{-4} \\ 012 \\ \underline{-12} \\ 0 \end{array}$$

There are 103 words per page.

4. Jack is tracking the growth of his plant in the school garden. If the plant grew 155 millimeters between March 1st and March 31st, how many millimeters did it grow each day?

March 1–March 31 = 31 days

$$\begin{array}{r} 5 \\ 31 \overline{)155} \\ \underline{-155} \\ 0 \end{array}$$

The plant grew 5 millimeters each day.