



Regroup in Multiplication

CA Standards
KEY NS 2.4, MR 2.1

Paper was invented in China in A.D. 105. At that time, paper was made from cloth rags. Today, most paper is made from trees. The table below shows how many trees are used to make different kinds of paper.

Use the table to solve Problems 1–6.

1. How many trees are used to produce 3 tons of basic office paper?

2. A magazine uses 6 tons of glossy paper to print each issue. How many trees are used for each issue?

3. To print its spring catalog, a clothing company uses 91 tons of paper. About how many trees are used for the catalog?

4. The school librarian ordered 6 sets of new books. There are a dozen books in a set. How many new books did the librarian order?

5. Which uses fewer trees: 8 tons of newspaper or 8 tons of magazine paper? Write a mathematical sentence that tells the answer.

6. Which type of paper uses 3 times as many trees as catalog paper?

Paper and Trees	
Paper Type	Number of Trees Used to Make 1 Ton of Paper
Basic office or Notebook Paper	24
Newspaper	12
Glossy Magazine Paper	15
Catalog Paper (No Gloss)	8

Show your work.