

Multiplication and division word problems

Grade 4 Word Problems Worksheet

In a school, there are 12 classes and 30 teachers.

1. In each class, there are 35 students. How many students are there in total?
2. If the students are divided equally among the teachers, what is the number of the students each teacher is responsible for?
3. Most of the teachers are assigned to a homeroom. The teachers are divided among the classes so there are an equal number of homeroom teachers for each class. How many homeroom teachers are assigned to each class?



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4. How many teachers are not assigned a homeroom?
5. On Friday, 5 classes went on a field trip today. How many students are left at the school?
6. Write an equation using "x" and then solve the equation. According to the safety guidelines, one teacher is needed for every 25 students on a field trip. Therefore, x teachers went on the field trip with the 5 classes on Friday.

Answers

1. $35 \times 12 = 420$
There are 420 in total.
2. $420 \div 30 = 14$
Each teacher is responsible for 14 students.
3. $30 \div 12 = 2$ remainder 6
Each class are assigned with 2 homeroom teachers.
4. $30 \div 12 = 2$ remainder 6
6 teachers are not assigned a homeroom.
5. $12 - 5 = 7$ classes left
 $7 \times 35 = 245$
245 students are left in the school.
6. $x = 35 \times 5 \div 25$
 $x = 7$
7 teachers went on the field trip.