

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.