



4. On a snowy day, only  $\frac{7}{12}$  of the students attend school.  $\frac{4}{5}$  of the students who stayed home called to inform the school office. What was the fraction of all students that called in to inform the school about missing school this day?
5. Every Wednesday, a meeting for all the teaching staff is held. If  $\frac{13}{16}$  of the staff members are teaching staff, how many staff members are invited to the meeting?
6. On the last Wednesday of May,  $\frac{1}{5}$  of the teaching staff was not in school for a field trip. How many staff members were at that meeting?

## Answers

1.  $864 \times \frac{3}{8} = 324$

There are 324 girls in the school.

2.  $864 \times \frac{5}{8} \times \frac{2}{9} = 120$

There are 120 boys on the soccer team.

3.  $\frac{5}{24} \times \frac{4}{7} = \frac{5}{42}$

$\frac{5}{42}$  of all the students take the school bus to school.

4.  $\frac{12}{12} - \frac{7}{12} = \frac{5}{12}$  so  $\frac{5}{12}$  of the students stayed home that day.

$$\frac{5}{12} \times \frac{4}{5} = \frac{1}{3}$$

$\frac{1}{3}$  of all the students called in to inform the school about missing school this day.

5.  $80 \times \frac{13}{16} = 65$

65 staff members are invited to the meeting.

6.  $65 \times \frac{4}{5} = 52$

There were 52 staff members at the meeting.