Fluency Challenge 1

Subjects studied by students

	French	German	Spanish	TOTAL
Male	12		15	
Female	7			22
TOTAL		11	20	50

A male student is selected at random.

What is the probability that the student is studying German?

Give your answer as a fraction in its lowest form.

Fluency Challenge 2

120 children went on a school activities day.
Some children went bowling.
Some children went to the movies.
The rest of the children went skating.

66 of these children were girls.
28 of the 66 girls went bowling.
36 children went to the movies.
20 of the children who went to the movies were girls.
15 boys went skating.

A girl is selected at random.

What is the probability that the child went to the movies?

Give your answers a fraction in its lowest form.