

Proficient

1. Find the rugby row total.

	Boys	Girls	Total
Rugby	9	6	<input type="checkbox"/>
Football	5	4	9
Total	14	10	24

2. Total swimmers = 13.
How many girls swim?

	Boys	Girls	Total
Swim	8	<input type="checkbox"/>	13
Do not swim	6	5	11
Total	14	10	24

3. Total boys = 14. How many boys do not have pets?

	Boys	Girls	Total
Has pets	9	7	16
No pets	<input type="checkbox"/>	5	10
Total	14	12	26

4. Total girls = 16. How many girls bought lunch?

	Boys	Girls	Total
Brought lunch	8	7	15
Bought lunch	6	<input type="checkbox"/>	15
Total	14	16	30

5. The table total is 30.
How many chose music?

	Year 9	Year 10	Total
Art	5	6	11
Music	8	<input type="checkbox"/>	<input type="checkbox"/>
Total	13	17	30

6. The table total is 28.
If 12 travelled by bus, how many used another way?

	Year 9	Year 10	Total
Bus	5	7	12
Other	9	7	<input type="checkbox"/>
Total	14	14	28

7. Write the probability a random student is a boy.

	Boys	Girls	Total
Drama	8	6	14
Not drama	10	8	18
Total	18	14	32

8. Write the probability a random student chose drama.

	Boys	Girls	Total
Drama	4	5	9
Other	9	7	16
Total	13	12	25

9. Which probability is smaller: rugby or hockey?

	Boys	Girls	Total
Rugby	5	3	8
Hockey	6	4	10
Other	4	4	8
Total	15	11	26

- 10.** A student says if the column total is 15 and one entry is 9, the other entry must be 5. Are they correct?

	Boys	Girls	Total
Choir	9	6	15
Band	4	5	9
Total	13	11	24