

Bear mixes

This task is about calculating ratios, fractions, and percentages of numbers.

Questions/instructions

Write the number of blue bears and yellow bears in the boxes. The first one has been done for you.

	Blue	Yellow
1. There are 4 bears altogether. 2 are yellow. How many are blue?	2	2
2. There are 10 bears altogether. 6 are yellow. How many are blue?		6
3. There are 10 bears altogether. There are 2 more blue bears than yellow bears. How many of each colour are there?		
4. There are 12 bears altogether. There are twice as many yellow as blue bears. How many of each colour are there?		
5. There are 3 blue bears. For each blue bear there are 3 yellow bears. How many yellow bears are there?	3	
6. There are 15 yellow bears. For each blue bear there are 3 yellow bears. How many blue bears are there?		15
7. There are 16 bears altogether. For each blue bear there are 3 yellow bears. How many of each colour are there?		
8. A quarter of the bears are blue. There are 3 blue bears. How many yellow bears are there?	3	
9. A quarter of the bears are blue. There are 12 yellow bears. How many blue bears are there?		12
10. There are 20 bears altogether. A quarter of the bears are blue. How many of each colour are there?		
11. There are 15 bears altogether. 20% are blue. How many of each colour are there?		

