

Number of dogs	Number of legs
1	
2	
5	
10	
	200
	396
	1000

Work out the ratio...

... of ears to people

... of wheels to cars

... of tails to horses

... of cows to udders

Work out the ratio...

... of eyes to cats

... of wheels to bicycles

... of horns to unicorns

... of spiders to legs

Share each number in the given ratio:

2, 1:1

4, 1:1

3, 2:1

6, 1:2

Share each number in the given ratio:

6, 1:1

8, 1:1

9, 2:1

12, 1:2

Share each number in the given ratio:

77, 3:4

81, 5:4

72, 1:7

66, 1:5

Share each number in the given ratio:

100, 3:7

99, 5:6

72, 5:7

66, 6:5

Simplify the ratios:

2:2

2:4

72:42

81:36

Simplify the ratios:

3:3

8:4

49:42

60:36

A	B	A:B
1	1	
1	2	
2	1	
2	3	
20	30	
2	2	
60	140	
350	560	

A	B	A:B
1		1:1
1		1:2
	1	2:1
	3	2:3
20		2:3
20		1:1
	140	2:7

A	B	C	A:B:C
1	1	4	
1	2	2	
2	1	2	
2	3	3	
20	30	10	
2	2	2	
60	140	80	
350	560	140	



A	B	C	A:B:C
1	1		1:1:1
1			1:2:3
	3		1:1:1
	3		1:1:3
	3		1:3:1
	22		2:11:6



Cows and pigs are in the ratio 1 : 2

Number of cows	Number of pigs	Total number of animals
1	2	
2		
3		9
4		
		15
		18
	14	

Goats and horses are in the ratio 2 : 3

Number of goats	Number of horses	Total number of animals
4		
2		
		15
	30	
		55
		18
	14	

Share each number in the given ratio:

3, 1:1:1

6, 1:1:1

12, 1:2:3

81, 2:3:4

Share each number in the given ratio:

3, 1:1:1

6, 1:1:1

12, 1:2:3

81, 2:3:4

$A : B$	$A : A + B$	$A : A - B$
2:1		
3:1		
4:1		
5:1		
3:2		
	5:7	
	7:9	
		4:1

Work out the value of  $B$   
when  $A=6$ :

$$A : B = 1 : 1$$

$$A : B = 2 : 1$$

$$A : B = 3 : 2$$

$$A : B = 6 : 13$$

Work out the value of  $B$   
when  $A=6$ :

$$A : B = 1 : 2$$

$$A : B = 2 : 3$$

$$A : B = 3 : 4$$

$$A : B = 6 : 17$$

Work out the values of  
 $A$  and  $B$ .

$$A : B = 2 : 1$$

$$A + B = 3$$

Work out the values of  
 $A$  and  $B$ .

$$A : B = 2 : 1$$

$$A + B = 6$$

Work out the values of  
 $A$  and  $B$ .

$$A : B = 5 : 2$$

$$A - B = 6$$

Work out the values of  
 $A$  and  $B$ .

$$A : B = 5 : 2$$

$$A - B = 9$$