



Math worksheet on 'Ratios - Calculate Value from Total Ratio (Level 1)'. Part of a broader unit on 'Ratios of Lengths - Intro'

Learn online: [app.mobius.academy/math/units/ratios\\_lengths\\_calculating\\_intro/](http://app.mobius.academy/math/units/ratios_lengths_calculating_intro/)

**1** How many dogs are there?

cats : 4  
 dogs : ?  
 (dogs:all pets) = (3:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
7	2	3	1

**2** How many cats are there?

cats : ?  
 dogs : 3  
 (cats:all pets) = (2:5)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
2	11	4	5

**3** How many boys are there?

boys : ?  
 girls : 5  
 (boys:all kids) = (2:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
7	2	4	1

**4** How many soccer balls are there?

tennis balls : 5  
 soccer balls : ?  
 (soccer:all balls) = (2:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
1	2	10	8

**5** How many dogs are there?

cats : 2  
 dogs : ?  
 (dogs:all pets) = (5:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
5	3	2	12

**6** How many boys are there?

boys : ?  
 girls : 4  
 (boys:all kids) = (3:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
2	6	4	3

**7** How many dogs are there?

cats : 2  
 dogs : ?  
 (dogs:all pets) = (3:5)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
4	3	7	9