



Math worksheet on 'Ratios - Calculate Value from Total Ratio (Level 2)'. Part of a broader unit on 'Rates and Ratios - Practice'

Learn online: [app.mobius.academy/math/units/rates\\_and\\_ratios\\_practice/](http://app.mobius.academy/math/units/rates_and_ratios_practice/)

**1** How many boys are there?

boys : ?  
girls : 4  
(boys:all kids) = (5:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
4	11	1	10

**2** How many dogs are there?

cats : 8  
dogs : ?  
(dogs:all pets) = (5:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
2	14	20	30

**3** How many cats are there?

cats : ?  
dogs : 8  
(cats:all pets) = (5:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
10	22	20	4

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

tennis balls : 12  
soccer balls : ?  
(soccer:all balls) = (4:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
20	6	14	16

**5** How many cats are there?

cats : ?  
dogs : 20  
(cats:all pets) = (4:9)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
16	25	18	17

**6** How many tennis balls are there?

tennis balls : ?  
soccer balls : 6  
(tennis:all balls) = (5:8)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
9	1	10	8

**7** How many dogs are there?

cats : 4  
dogs : ?  
(dogs:all pets) = (5:7)

<b>a</b>	<b>b</b>	<b>c</b>	<b>d</b>
17	10	4	12