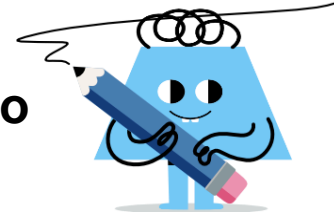




## Ratios - Calculate Total from Total Ratio



**1** What is the total number of pets?

cats : 8  
dogs : ?  
(dogs:ALL pets) = (3:7)

A	B	C	D
21	16	14	4

**2** What is the total number of balls?

tennis balls : 10  
soccer balls : ?  
(soccer:ALL balls) = (3:8)

A	B	C	D
23	12	21	16

**3** What is the total number of balls?

tennis balls : ?  
soccer balls : 4  
(tennis:ALL balls) = (5:7)

A	B	C	D
15	12	7	14

**4** What is the total number of pets?

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

A	B	C	D
27	12	36	60

**5** What is the total number of pets?

cats : 12  
dogs : ?  
(dogs:ALL pets) = (5:9)

A	B	C	D
43	29	25	27

**6** What is the total number of kids?

boys : 16  
girls : ?  
(girls:ALL kids) = (3:7)

A	B	C	D
42	36	28	38

**7** What is the total number of balls?

tennis balls : ?  
soccer balls : 12  
(tennis:ALL balls) = (2:5)

A	B	C	D
4	6	20	30

**8** What is the total number of pets?

cats : 12  
dogs : ?  
(dogs:ALL pets) = (5:8)

A	B	C	D
32	53	2	50