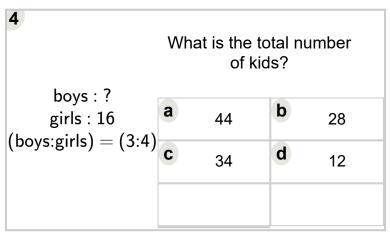# mobius

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

Learn online: app.mobius.academy/math/units/rates_and_ratios_practice/

1 What is the total number of pets?

cats : 6
dogs : ?
$(cats:dogs) = (3:5)$

a		b	
	21		16
c		d	
	12		18

2 What is the total number of balls?

tennis balls : 9
soccer balls : ?
$(tennis:soccer) = (3:4)$

a	b	c	d
5	23	21	7

3 What is the total number of kids?

boys : ?
girls : 8
$(boys:girls) = (5:4)$

a		b	
	15		22
c		d	
	18		10

4 What is the total number of kids?

boys : ?
girls : 16
$(boys:girls) = (3:4)$

a		b	
	44		28
c		d	
	34		12

5 What is the total number of kids?

boys : 8
girls : ?
$(boys:girls) = (4:3)$

a		b	
	18		14
c		d	
	22		15

6 What is the total number of balls?

tennis balls : 12
soccer balls : ?
$(tennis:soccer) = (3:2)$

a	b	c	d
14	36	16	20

7 What is the total number of pets?

cats : ?
dogs : 6
$(cats:dogs) = (5:2)$

a		b	
	21		33
c		d	
	15		1

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