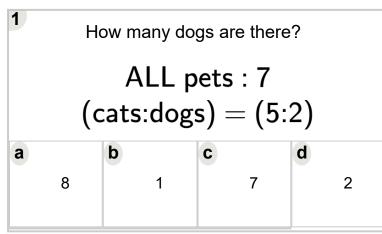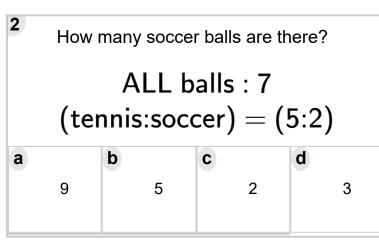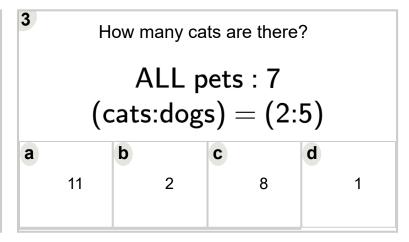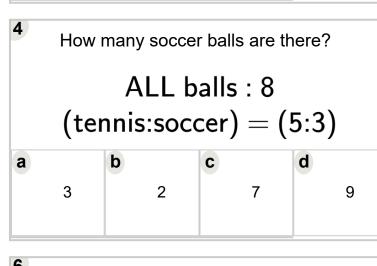# mobius

Math worksheet on *'Ratios - Calculate Value from Total and Item Ratio (Level 1)'*. Part of a broader unit on *'Rates and Ratios - Advanced'*
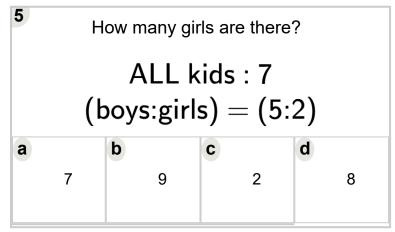
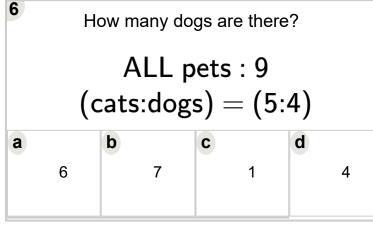Learn online: app.mobius.academy/math/units/rates_and_ratios_advanced/

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1 How many dogs are there?

ALL pets : 7

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

a	b	c	d
8	1	7	2

---

2 How many soccer balls are there?

ALL balls : 7

$$(tennis:soccer) = (5:2)$$

a	b	c	d
9	5	2	3

---

3 How many cats are there?

ALL pets : 7

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

a	b	c	d
11	2	8	1

---

4 How many soccer balls are there?

ALL balls : 8

$$(tennis:soccer) = (5:3)$$

a	b	c	d
3	2	7	9

---

5 How many girls are there?

ALL kids : 7

$$(boys:girls) = (5:2)$$

a	b	c	d
7	9	2	8

---

6 How many dogs are there?

ALL pets : 9

$$(cats:dogs) = (5:4)$$

a	b	c	d
6	7	1	4

---

7 How many boys are there?

ALL kids : 5

$$(boys:girls) = (2:3)$$

a	b	c	d
5	7	4	2

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