



### Ratios & ratio language

GRADE 6 MATH

Name \_\_\_\_\_

Date \_\_\_\_\_

Do this on your own — the worked example shows what to do. Show your thinking; final answers in the boxes. One skill: **writing ratios and using ratio language**.

#### WORKED EXAMPLE

A shelf has 5 novels and 2 comics. Ratio of novels to comics = **5 to 2** (5:2). In words: **for every 5 novels there are 2 comics**. To write a ratio, compare the two amounts in the order named.

1. 6 apples and 4 bananas. Write the ratio of **apples to bananas**.

FLUENCY

Show your thinking

Answer

2. 9 stickers and 12 stamps. Write the ratio of **stamps to stickers**.

FLUENCY

Show your thinking

Answer

3. A jar has 5 quarters and 8 dimes. Write the ratio of **quarters to dimes** using a colon.

FLUENCY

Show your thinking

Answer

4. A bookshelf has 15 novels and 5 comics. Write the ratio of **novels to comics**, then describe it with “for every.”

APPLICATION

Show your thinking

Answer

5. A trail mix uses 4 scoops of raisins for every 3 scoops of peanuts. Write the ratio of **raisins to peanuts** and the ratio of **peanuts to raisins**.

APPLICATION

Show your thinking

Answer

6. A soccer team of 11 players has 3 goalies. Write the ratio of **goalies to the whole team**.

APPLICATION

Show your thinking

Answer

7. There are 8 markers and 10 crayons. Write the ratio of **markers to crayons**, then describe it in words two different ways.

REASONING

Show your thinking

Answer

8. A fruit basket has 7 apples and 5 pears. Maria writes the ratio of **apples to all the fruit** as 7:5. Explain her mistake and write the correct ratio.

REASONING

Show your thinking

Answer