# Worksheet #1

## Part-to-Part Ratio

**Learning goal:** Students will be able to understand the language connecting with the concepts of ratio.

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There are 2 apples and 3 oranges.
What is the ratio of:

**Apples : Oranges** = ___:___
**Oranges : Apples** = ___:___

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There are 14 books and 7 notebooks.
What is the ratio of:

**Books : Notebooks** = ___:___
**Notebooks : Books** = ___:___

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There are 4 cats and 7 dogs.
What is the ratio of:

**Cats : Dogs** = ___:___
**Dogs : Cats** = ___:___

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There are 11 buses and 5 cars.
What is the ratio of:

**Buses : Cars** = ___:___
**Cars : Buses** = ___:___

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There are 6 apples and 9 bananas.
What is the ratio of:

**Apples : Bananas** = ___:___
**Bananas : Apples** = ___:___

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There are 9 oranges and 2 grapes.
What is the ratio of:

**Oranges : Grapes** = ___:___
**Grapes : Oranges** = ___:___

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There are 5 pencils and 12 erasers.
What is the ratio of:

**Pencils : Erasers** = ___:___
**Erasers : Pencils** = ___:___

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There are 8 chairs and 3 tables.
What is the ratio of:

**Chairs : Tables** = ___:___
**Tables : Chairs** = ___:___

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There are 7 roses and 4 tulips.
What is the ratio of:

**Roses : Tulips** = ___:___
**Tulips : Roses** = ___:___

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There are 10 cupcakes and 6 chocolates.
What is the ratio of:

**Cupcakes : Chocolates** = ___:___
**Chocolates : Cupcakes** = ___:___

## Worksheet #1 Answers

### Part-to-Part Ratio

**Learning goal:** Students will be able to understand the language connecting with the concepts of ratio.

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There are 2 apples and 3 oranges.
What is the ratio of:
**Apples : Oranges =  2: 3**
**Oranges : Apples = 3:2**

---

There are 14 books and 7 notebooks.
 What is the ratio of:
**Books : Notebooks =  14:7**
**Notebooks : Books = 7: 14**

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There are 4 cats and 7 dogs.
What is the ratio of:
**Cats : Dogs = 4 : 7**
**Dogs : Cats = 7: 4**

---

There are 11 buses and 5 cars.
 What is the ratio of:
**Buses : Cars =  11 : 5**
**Cars : Buses =  5 : 11**

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There are 6 apples and 9 bananas.
 What is the ratio of:
**Apples : Bananas = 6:9**
**Bananas : Apples = 9:6**

---

There are 9 oranges and 2 grapes.
 What is the ratio of:
**Oranges : Grapes = 9:2**
**Grapes : Oranges = 2:9**

---

There are 5 pencils and 12 erasers.
 What is the ratio of:
**Pencils : Erasers = 5:12**
**Erasers : Pencils = 12:5**

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There are 8 chairs and 3 tables.
 What is the ratio of:
**Chairs : Tables = 8 : 3**
**Tables : Chairs =  3: 8**

---

There are 7 roses and 4 tulips.
 What is the ratio of:
**Roses : Tulips = 7:4**
**Tulips : Roses = 4: 7**

---

There are 10 cupcakes and 6 chocolates.
 What is the ratio of:
**Cupcakes : Chocolates = 10:6**
**Chocolates : Cupcakes = 6 :10**