

Part-Part-Whole

How many in all? Write a number sentence and solve.

Example

Maya has 7 red apples and 6 green apples. How many apples does she have?



$$\underline{7} + \underline{6} = \underline{13} \quad \underline{13} \text{ apples}$$

1. There are 9 frogs on a log and 8 frogs in the water. How many frogs are there in all?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ frogs}$$

2. The gym has 6 soccer balls and 5 basketballs. How many balls are in the gym?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ balls}$$

3. Kai has 8 toy cars and 4 toy rockets. How many toys does Kai have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ toys}$$

4. Ella has 10 star stickers and 7 heart stickers. How many stickers does Ella have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ stickers}$$

Part-Part-Whole

One part is missing. Write a number sentence and solve.

Example

Ravi has **12** balloons. **5** are red and the rest are blue. How many balloons are blue?



$$\underline{12} - \underline{5} = \underline{7} \quad \underline{7} \text{ balloons}$$

1. There are **15** fish in a tank. **9** are orange and the rest are yellow. How many fish are yellow?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ fish}$$

2. Lucy has **14** cupcakes. **6** have sprinkles and the rest do not. How many cupcakes have no sprinkles?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ cupcakes}$$

3. There are **11** penguins. **3** are on the ice and the rest are swimming. How many penguins are swimming?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ penguins}$$

4. Jack has **18** pinecones in two bags. One bag has **9** pinecones. How many pinecones are in the other bag?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ pinecones}$$

Part-Part-Whole

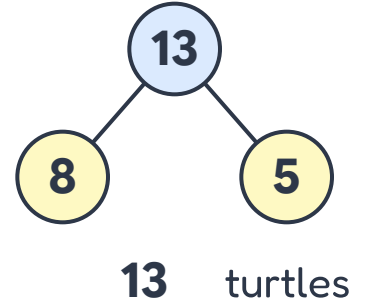
Fill in the number bond. Then write a number sentence.

Example



There are 8 turtles on the sand and 5 turtles in the sea. How many turtles are there?

$$\underline{8} + \underline{5} = \underline{13}$$

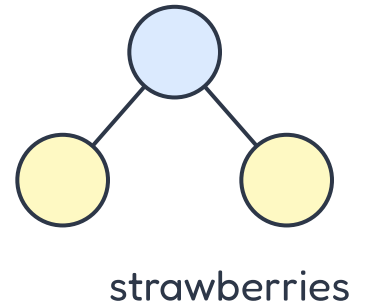


1.



Amir has 16 strawberries. He puts 7 in a bowl and the rest in a box. How many strawberries go in the box?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

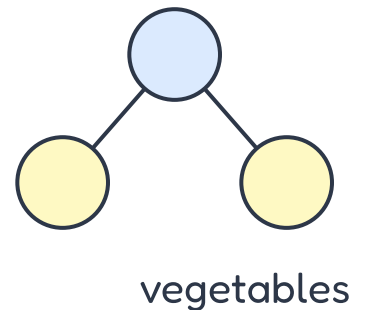


2.



Priya picks 9 carrots and 6 tomatoes. How many vegetables does she pick?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

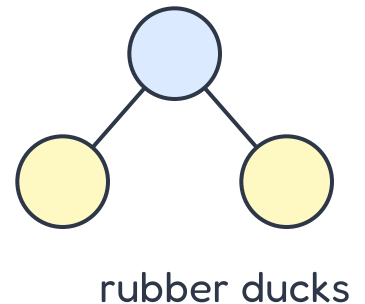


3.



There are 13 rubber ducks. 4 are big and the rest are small. How many rubber ducks are small?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$



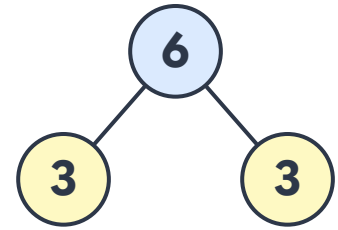
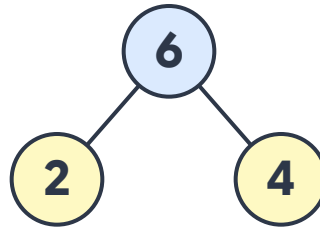
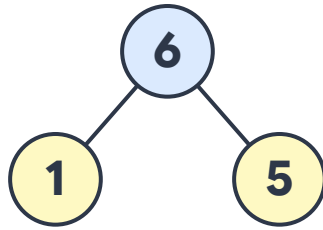
Part-Part-Whole

Find 3 different ways. Fill in each number bond.

Example



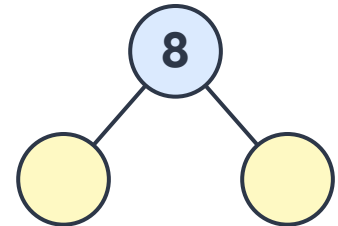
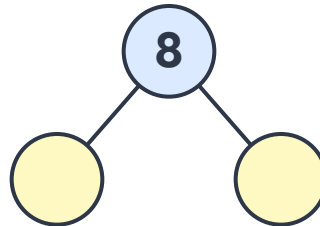
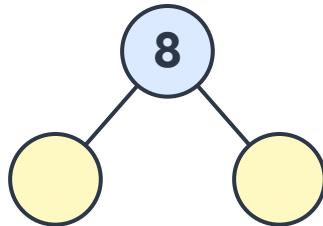
Sam has 6 apples. Some are red and some are green. How many apples could be red, and how many green?



1.



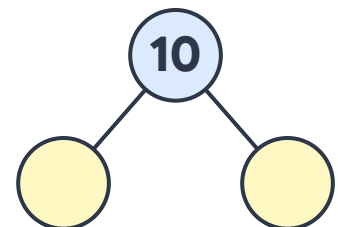
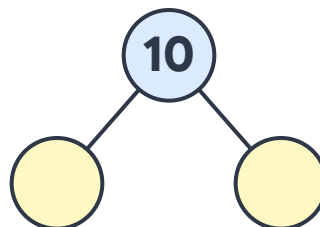
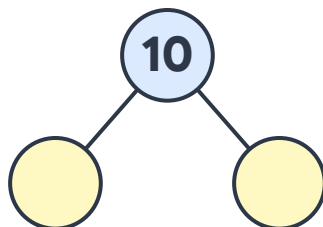
Lily has 8 balloons. Some are pink and some are yellow. How many balloons could be pink, and how many yellow?



2.



There are 10 fish in two tanks. How many fish could be in each tank?

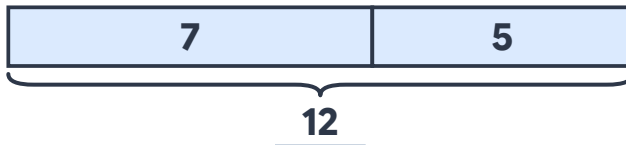


Part-Part-Whole

Use the bar model to solve.

Example

There are 7 owls in one tree and 5 owls in another tree. How many owls are there in all?

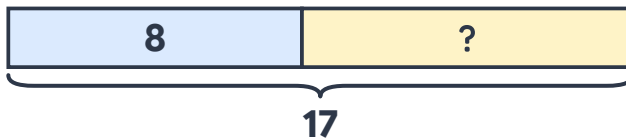


$$\underline{7} + \underline{5} = \underline{12}$$

12 owls

1.

There are 17 butterflies. 8 are yellow and the rest are orange. How many butterflies are orange?

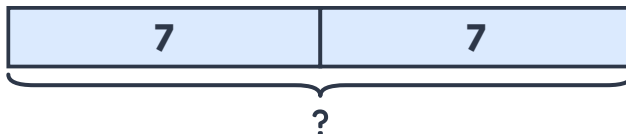


$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 butterflies

2.

Noah has 7 bananas and 7 pears. How many pieces of fruit does Noah have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 pieces of fruit

3.

Dev has 14 toy dinosaurs. 5 are big and the rest are small. How many toy dinosaurs are small?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 toy dinosaurs

Part-Part-Whole

How many in all? Write a number sentence and solve.

Example

Maya has 7 red apples and 6 green apples. How many apples does she have?



$$\underline{7} + \underline{6} = \underline{13} \quad \underline{13} \text{ apples}$$

1. There are 9 frogs on a log and 8 frogs in the water. How many frogs are there in all?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ frogs}$$

2. The gym has 6 soccer balls and 5 basketballs. How many balls are in the gym?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ balls}$$

3. Kai has 8 toy cars and 4 toy rockets. How many toys does Kai have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ toys}$$

4. Ella has 10 star stickers and 7 heart stickers. How many stickers does Ella have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ stickers}$$

Part-Part-Whole

One part is missing. Write a number sentence and solve.

Example

Ravi has **12** balloons. **5** are red and the rest are blue. How many balloons are blue?



$$\underline{12} - \underline{5} = \underline{7} \quad \underline{7} \text{ balloons}$$

1. There are **15** fish in a tank. **9** are orange and the rest are yellow. How many fish are yellow?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ fish}$$

2. Lucy has **14** cupcakes. **6** have sprinkles and the rest do not. How many cupcakes have no sprinkles?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ cupcakes}$$

3. There are **11** penguins. **3** are on the ice and the rest are swimming. How many penguins are swimming?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ penguins}$$

4. Jack has **18** pinecones in two bags. One bag has **9** pinecones. How many pinecones are in the other bag?



$$\underline{\quad} - \underline{\quad} = \underline{\quad} \quad \underline{\quad} \text{ pinecones}$$

Part-Part-Whole

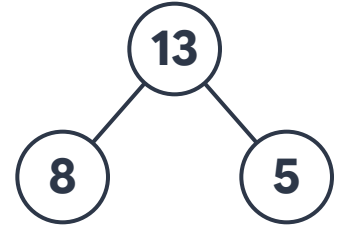
Fill in the number bond. Then write a number sentence.

Example



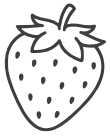
There are **8** turtles on the sand and **5** turtles in the sea. How many turtles are there?

$$\underline{8} + \underline{5} = \underline{13}$$



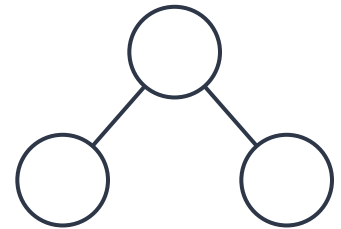
13 turtles

1.



Amir has **16** strawberries. He puts **7** in a bowl and the rest in a box. How many strawberries go in the box?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$



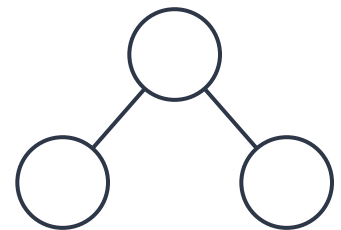
_____ strawberries

2.



Priya picks **9** carrots and **6** tomatoes. How many vegetables does she pick?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$



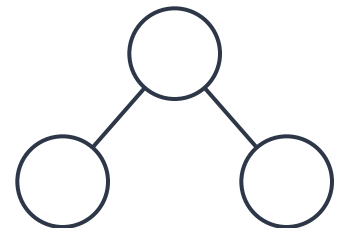
_____ vegetables

3.



There are **13** rubber ducks. **4** are big and the rest are small. How many rubber ducks are small?

$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$



_____ rubber ducks

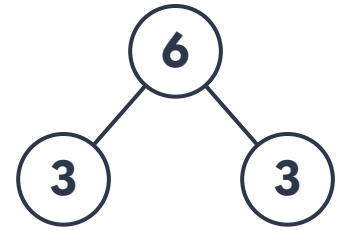
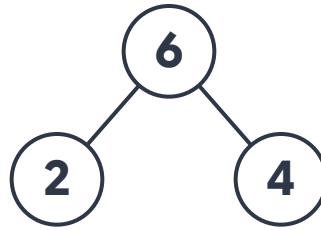
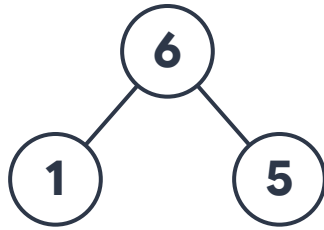
Part-Part-Whole

Find 3 different ways. Fill in each number bond.

Example



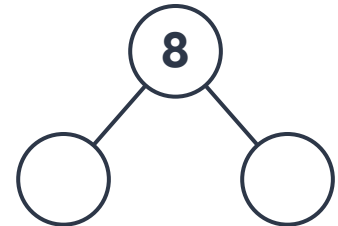
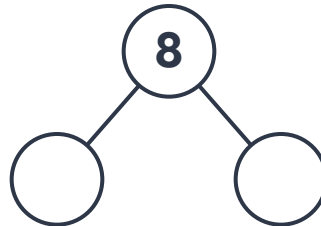
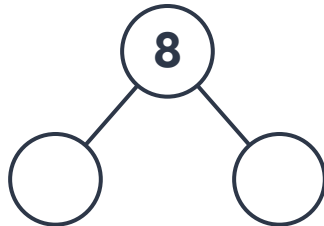
Sam has **6** apples. Some are red and some are green. How many apples could be red, and how many green?



1.



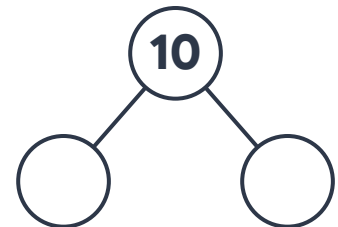
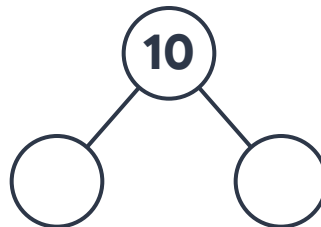
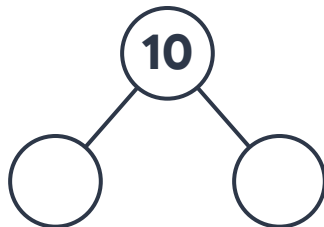
Lily has **8** balloons. Some are pink and some are yellow. How many balloons could be pink, and how many yellow?



2.



There are **10** fish in two tanks. How many fish could be in each tank?

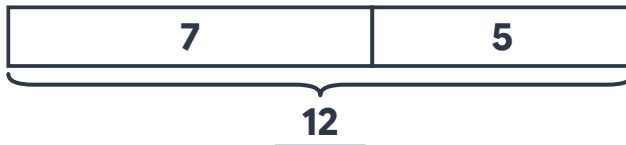


Part-Part-Whole

Use the bar model to solve.

Example

There are 7 owls in one tree and 5 owls in another tree. How many owls are there in all?

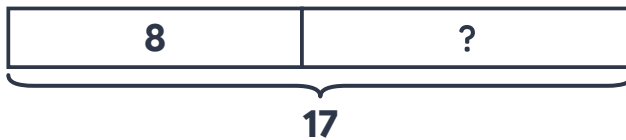


$$\underline{7} + \underline{5} = \underline{12}$$

12 owls

1.

There are 17 butterflies. 8 are yellow and the rest are orange. How many butterflies are orange?

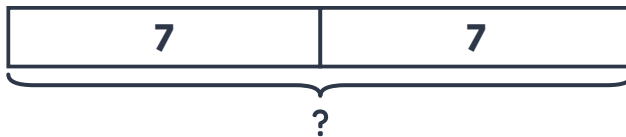


$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 butterflies

2.

Noah has 7 bananas and 7 pears. How many pieces of fruit does Noah have?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 pieces of fruit

3.

Dev has 14 toy dinosaurs. 5 are big and the rest are small. How many toy dinosaurs are small?



$$\underline{\quad} \bigcirc \underline{\quad} = \underline{\quad}$$

 toy dinosaurs

Part-Part-Whole

How many in all? Write a number sentence and solve.

Example

Maya has 7 red apples and 6 green apples. How many apples does she have?



$$\underline{7} + \underline{6} = \underline{13} \quad \underline{13} \text{ apples}$$

1. There are 9 frogs on a log and 8 frogs in the water. How many frogs are there in all?



$$\underline{9} + \underline{8} = \underline{17} \quad \underline{17} \text{ frogs}$$

2. The gym has 6 soccer balls and 5 basketballs. How many balls are in the gym?



$$\underline{6} + \underline{5} = \underline{11} \quad \underline{11} \text{ balls}$$

3. Kai has 8 toy cars and 4 toy rockets. How many toys does Kai have?



$$\underline{8} + \underline{4} = \underline{12} \quad \underline{12} \text{ toys}$$

4. Ella has 10 star stickers and 7 heart stickers. How many stickers does Ella have?



$$\underline{10} + \underline{7} = \underline{17} \quad \underline{17} \text{ stickers}$$

Part-Part-Whole

One part is missing. Write a number sentence and solve.

Example

Ravi has 12 balloons. 5 are red and the rest are blue. How many balloons are blue?



$$\underline{12} - \underline{5} = \underline{7} \quad \underline{7} \text{ balloons}$$

1. There are 15 fish in a tank. 9 are orange and the rest are yellow. How many fish are yellow?



$$\underline{15} - \underline{9} = \underline{6} \quad \underline{6} \text{ fish}$$

2. Lucy has 14 cupcakes. 6 have sprinkles and the rest do not. How many cupcakes have no sprinkles?



$$\underline{14} - \underline{6} = \underline{8} \quad \underline{8} \text{ cupcakes}$$

3. There are 11 penguins. 3 are on the ice and the rest are swimming. How many penguins are swimming?



$$\underline{11} - \underline{3} = \underline{8} \quad \underline{8} \text{ penguins}$$

4. Jack has 18 pinecones in two bags. One bag has 9 pinecones. How many pinecones are in the other bag?



$$\underline{18} - \underline{9} = \underline{9} \quad \underline{9} \text{ pinecones}$$

Part-Part-Whole

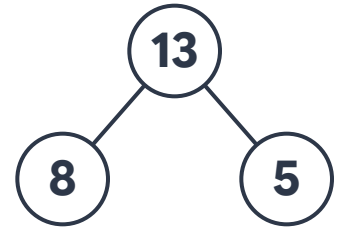
Fill in the number bond. Then write a number sentence.

Example



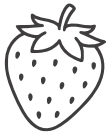
There are 8 turtles on the sand and 5 turtles in the sea. How many turtles are there?

$$\underline{8} + \underline{5} = \underline{13}$$



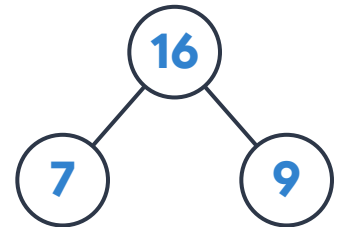
13 turtles

1.



Amir has 16 strawberries. He puts 7 in a bowl and the rest in a box. How many strawberries go in the box?

$$\underline{16} - \underline{7} = \underline{9}$$



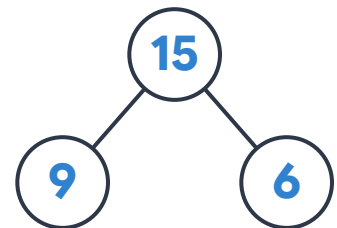
9 strawberries

2.



Priya picks 9 carrots and 6 tomatoes. How many vegetables does she pick?

$$\underline{9} + \underline{6} = \underline{15}$$



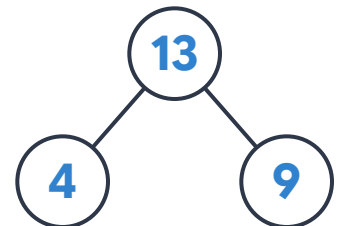
15 vegetables

3.



There are 13 rubber ducks. 4 are big and the rest are small. How many rubber ducks are small?

$$\underline{13} - \underline{4} = \underline{9}$$



9 rubber ducks

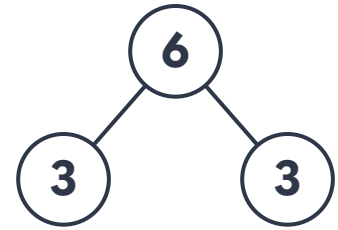
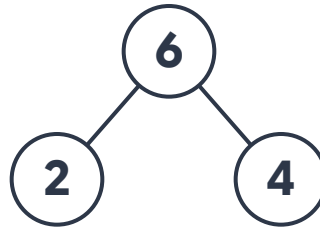
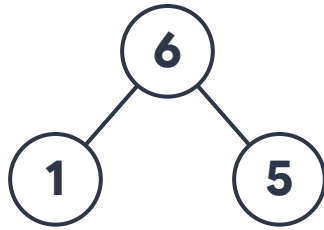
Part-Part-Whole

Find 3 different ways. Fill in each number bond.

Example



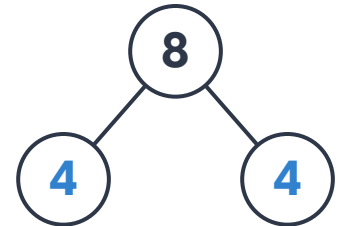
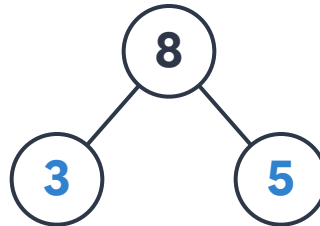
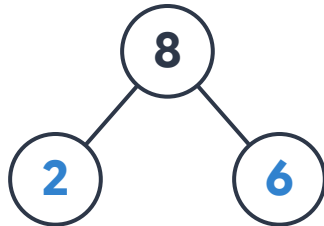
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1.



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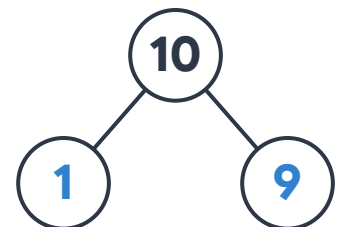
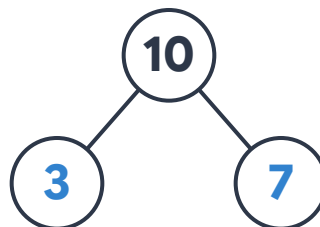
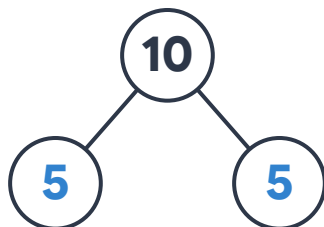


Other ways are right too.

2.



There are 10 fish in two tanks. How many fish could be in each tank?



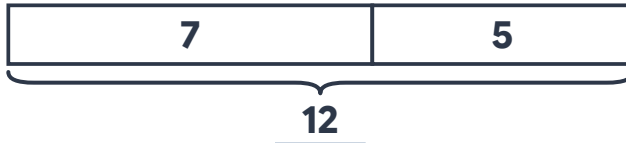
Other ways are right too.

Part-Part-Whole

Use the bar model to solve.

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There are 7 owls in one tree and 5 owls in another tree. How many owls are there in all?



$$\underline{7} + \underline{5} = \underline{12}$$

12 owls

1.

There are 17 butterflies. 8 are yellow and the rest are orange. How many butterflies are orange?

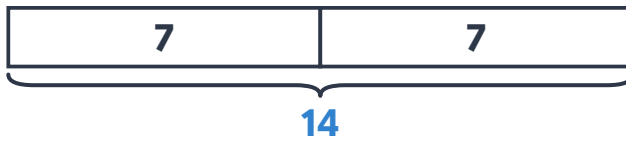


$$\underline{17} - \underline{8} = \underline{9}$$

9 butterflies

2.

Noah has 7 bananas and 7 pears. How many pieces of fruit does Noah have?



$$\underline{7} + \underline{7} = \underline{14}$$

14 pieces of fruit

3.

Dev has 14 toy dinosaurs. 5 are big and the rest are small. How many toy dinosaurs are small?



$$\underline{14} - \underline{5} = \underline{9}$$

9 toy dinosaurs