18.01.21	How am I doing?		
Addition and subtraction		Teacher	Me
KITE- Find and represent all subtraction facts of 13.	Do it		
	Stretch it		
	Solve it		

Do it

Use the diagram to show all the ways you can to take away a number from 13. Try to be systematic in your approach.

For example:

13 − ☐ = ☐

13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐

13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐

13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐   13 − ☐ = ☐

Stretch it

Colin thinks that he has represented $13 - 8 = 5$:

Explain why he is incorrect.

Solve it
Draw a picture to represent the problem then solve it.

A plant has 13 leaves. 3 fall off. How many are left?	
There are 13 stickers on a book. 5 fall off. How many are left?	
There are 13 cakes on a plate. Colin eats 7. How many cakes are left?	

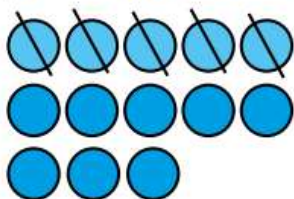| 19.01.21	How am I doing?		
Addition and subtraction		Teacher	Me
KITE- Partition 14	Do it		
	Stretch it		
	Solve it		

Do it

Complete the part-whole diagrams.

Stretch it

Colin thinks he has shown a way to partition 14. Write a sentence to explain why he is incorrect. Can you draw a part whole to show the correct way to do it? Can you prove it by drawing counters?
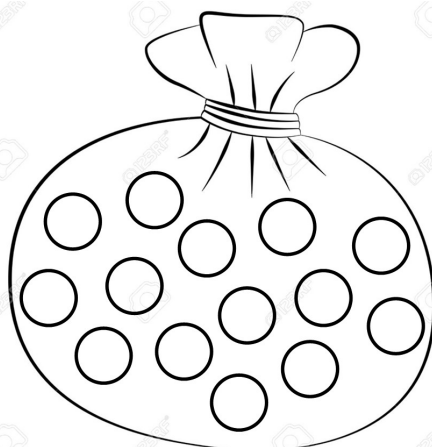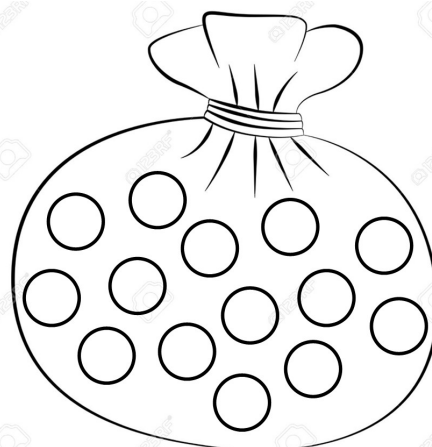
Solve it

In a bag there are blue and red balls. There are 14 balls altogether. How many of each colour could there be? Find all the ways to solve the problem. Show your thinking using a diagram.
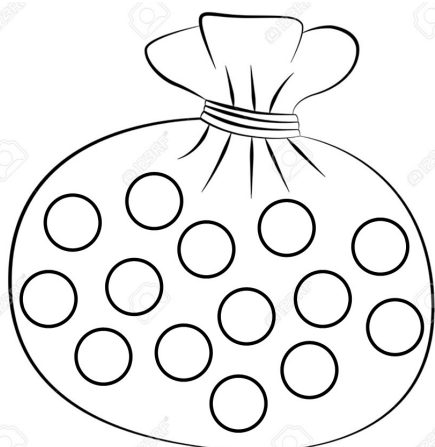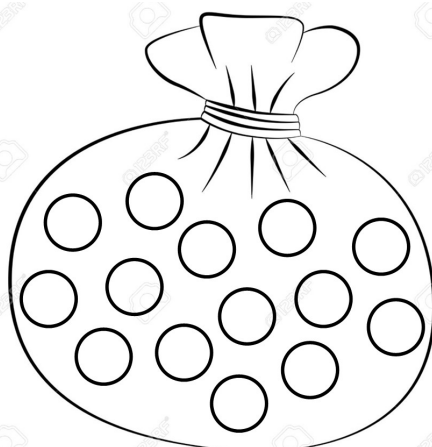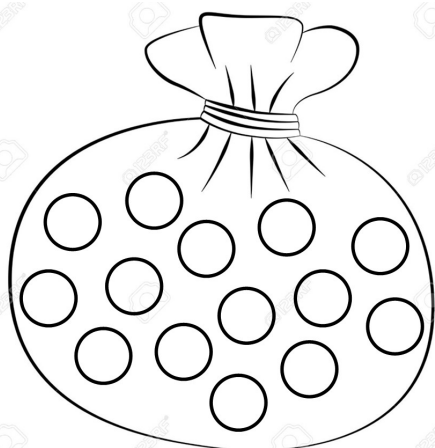
_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

_____red _____blue_

20.01.21	How am I doing?		
Addition and subtraction		Teacher	Me
KITE- Find and represent all addition facts of 14.	Do it		
	Stretch it		
	Solve it		

Do it

$$4 + \boxed{} = 14$$

$$14 = 6 + \boxed{}$$

$$14 = \boxed{} + 5$$

$$14 = 3 + \boxed{}$$

$$14 = 9 + \boxed{}$$

$$1 + \boxed{} = 14$$

$$0 + \boxed{} = 14$$

Find other addition facts to 14.

$$\boxed{} + \boxed{} = 14$$

$$\boxed{} + \boxed{} = 14$$

$$\boxed{} + \boxed{} = 14$$

$$\boxed{} + \boxed{} = 14$$

$$\boxed{} + \boxed{} = 14$$

$$\boxed{} + \boxed{} = 14$$

Stretch it

$$9 = 5 + 14$$

Show Colin he is incorrect using a diagram. Write a sentence to explain what he has done wrong.

Solve the problem in different ways.

□ + □ + □ = 14   □ + □ + □ = 14

□ + □ + □ = 14   □ + □ + □ = 14

□ + □ + □ = 14   □ + □ + □ = 14

□ + □ + □ = 14   □ + □ + □ = 14

□ + □ + □ = 14   □ + □ + □ = 14

Can you solve it using only two digits?

□ + □ + □ = 14

21.01.21	How am I doing?		
Addition and subtraction		Teacher	Me
KITE- Find and represent all subtraction facts of 14.	Do it		
	Stretch it		
	Solve it		

Do it

Solve the subtraction calculations. Use your 14 cubes to help you.

$14 - 4 =$

$14 - 3 =$

$14 - 10 =$

$\Box = 14 - 5$

$\Box = 14 - 8$

$14 - 14 =$

$14 - 9 =$

$14 - 1 =$

$\Box = 14 - 6$

$\Box = 14 - 12$

Stretch it

Colin thinks that:

$14 - 1 = 15$

Explain why he is **incorrect**. What mistake has he made?

Solve it

Find the missing digits. Can you solve the problem in two different ways?

$14 - \Box = 8$

$1\Box - 9 = 5$

$\Box = 1\Box - \Box$

$14 - 1\Box = \Box$

$14 - \Box = 8$

$1\Box - 9 = 5$
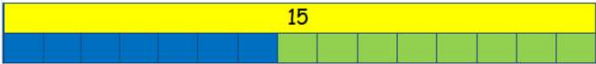
$\Box = 1\Box - \Box$

$14 - 1\Box = \Box$

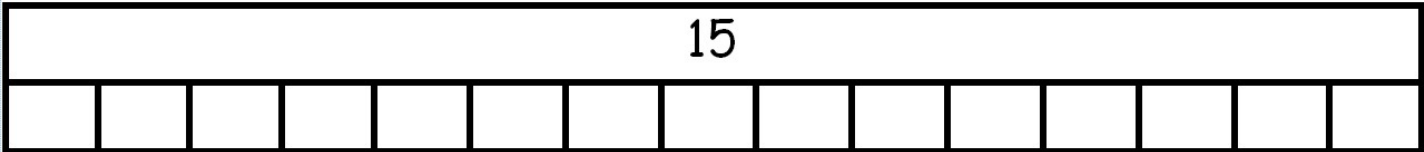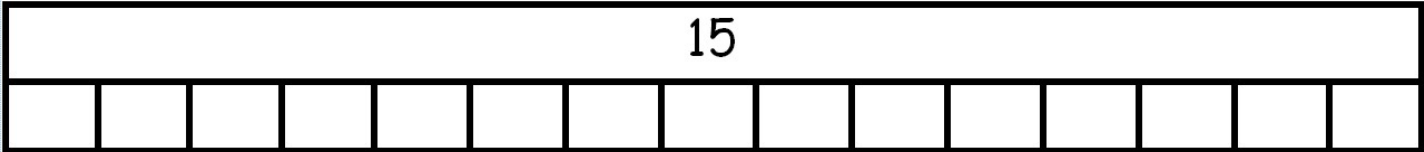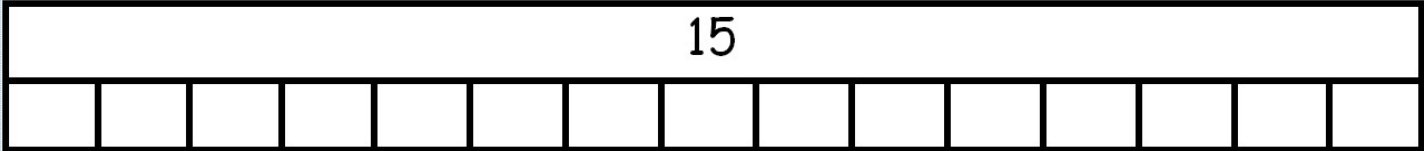| 22.01.21	How am I doing?		
Addition and subtraction		Teacher	Me
	Do it		
KITE- Partition 15.	Stretch it		
	Solve it		

Do it

Colour the bar models to partition 15. For example...

15

15

15

15

15

15

There are 15 ways to partition 15.

Show Colin he is incorrect.

Solve it

Find the missing numbers. Can you solve the problem in different ways?

Hint: Always start with this circle first.