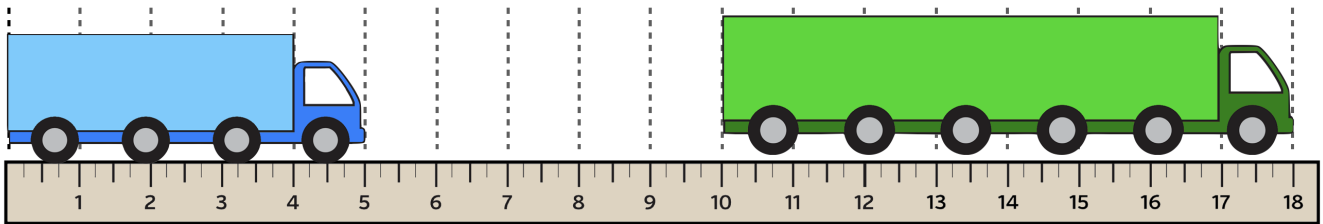
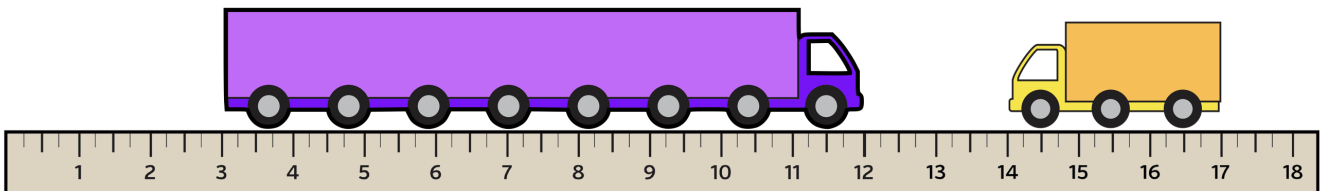


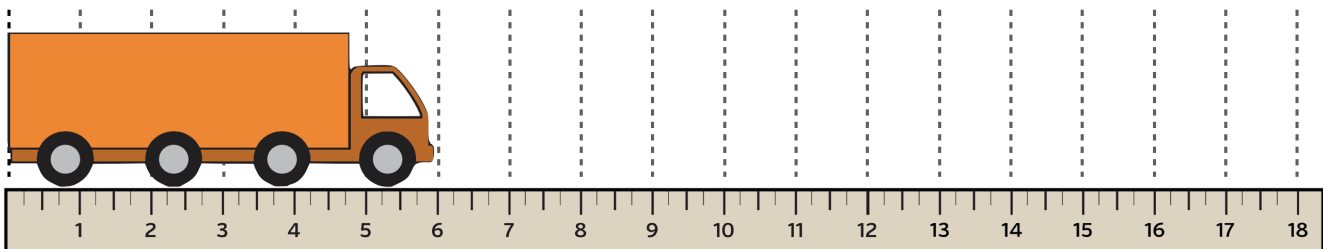
Tiny Trucks #1



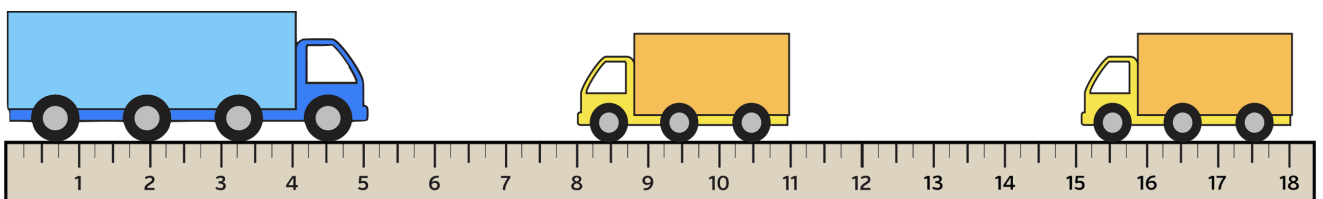
1) The ruler above has 2 trucks on it. **Between** them is some space.
How long is the space between the trucks?



2) The ruler above has 2 trucks on it. There is space **before**, **between** and **after** the trucks.
Altogether, how many centimetres of empty space are there on this ruler?

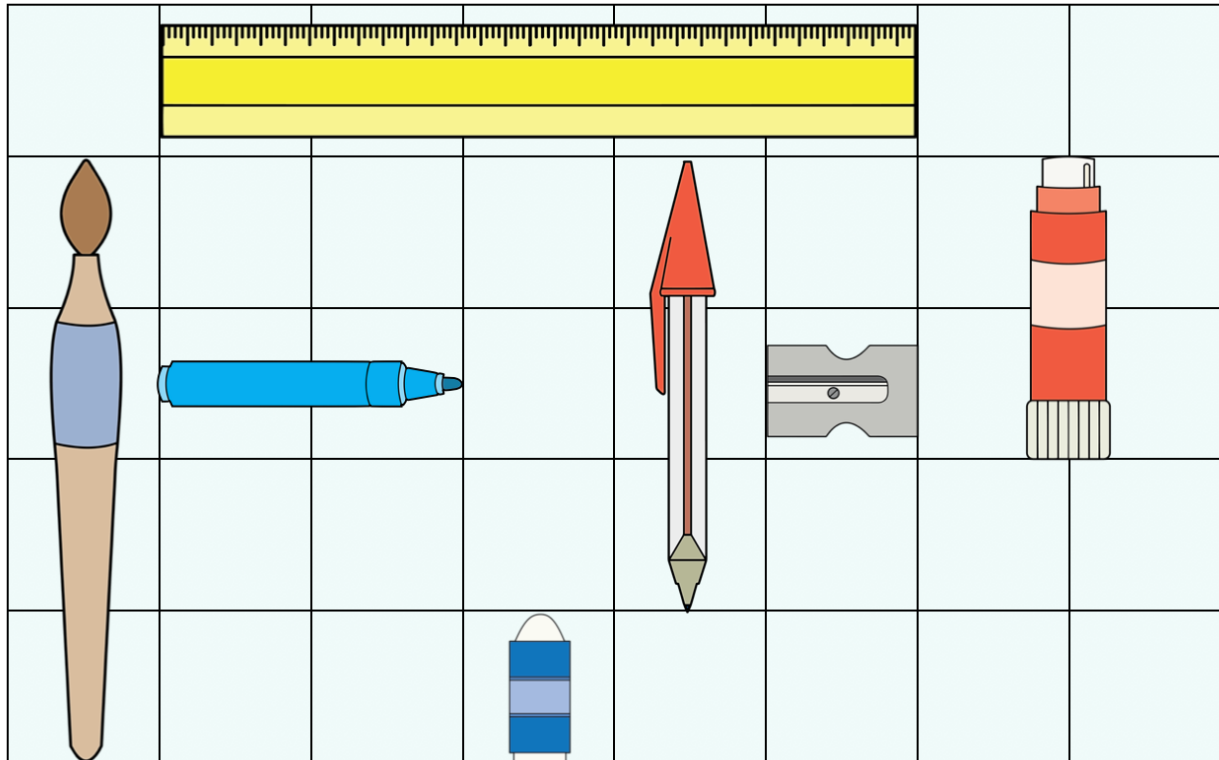


3) There is one orange truck on this ruler. How many more orange trucks can fit on this ruler?



4) I have a red truck that is 5 cm long. Is there a space where it can fit it on this ruler?

Stationery



- 1) Find an item that is the same length as the pencil sharpener. Circle it in blue.
- 2) Find an item that is twice as long as the blue felt tip pen. Circle it in red.
- 3) Find an item on the grid that is longer than the glue stick but shorter than the paintbrush. Circle it in green.
- 4) Is there space for another blue felt tip pen above the glue stick?
Can you draw it on?
- 5) Is there a space for another paintbrush?
Where can it fit?
- 6) Add a paper clip to the grid that is the same length as the eraser.

Mystery Code

$\text{bee} + \text{bee} = 4$

$\text{bee} =$

$\text{snail} + \text{bee} = 6$

$\text{snail} =$

$\text{fish} + \text{fish} = 10$

$\text{fish} =$

$\text{fish} + \text{frog} = 13$

$\text{frog} =$

$\text{flower} + \text{butterfly} = 9$

$\text{flower} =$

$\text{flower} + \text{flower} = 10$

$\text{butterfly} =$

$\text{snail} - \text{fish} = 3$

$\text{snail} =$

$\text{snail} + \text{snail} = 12$

$\text{fish} =$

$\text{bee} + \text{bee} = 8$

$\text{bee} =$

$\text{fish} - \text{bee} = 6$

$\text{fish} =$

$\text{dragonfly} + \text{dragonfly} = 20$

$\text{dragonfly} =$

$\text{frog} + \text{dragonfly} = 13$

$\text{frog} =$

$\text{butterfly} + \text{bird} = 7$

$\text{bird} =$

$\text{bird} + \text{bird} = 10$

$\text{butterfly} =$

$\text{butterfly} + \text{snail} = 6$

$\text{snail} =$

$\text{dragonfly} + \text{flower} = 11$

$\text{flower} =$

$\text{dragonfly} - \text{snail} = 6$

$\text{dragonfly} =$

$\text{flower} + \text{flower} = 6$

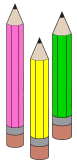
$\text{snail} =$

			8
			10
			9
8	7	12	

	=	
	=	
	=	

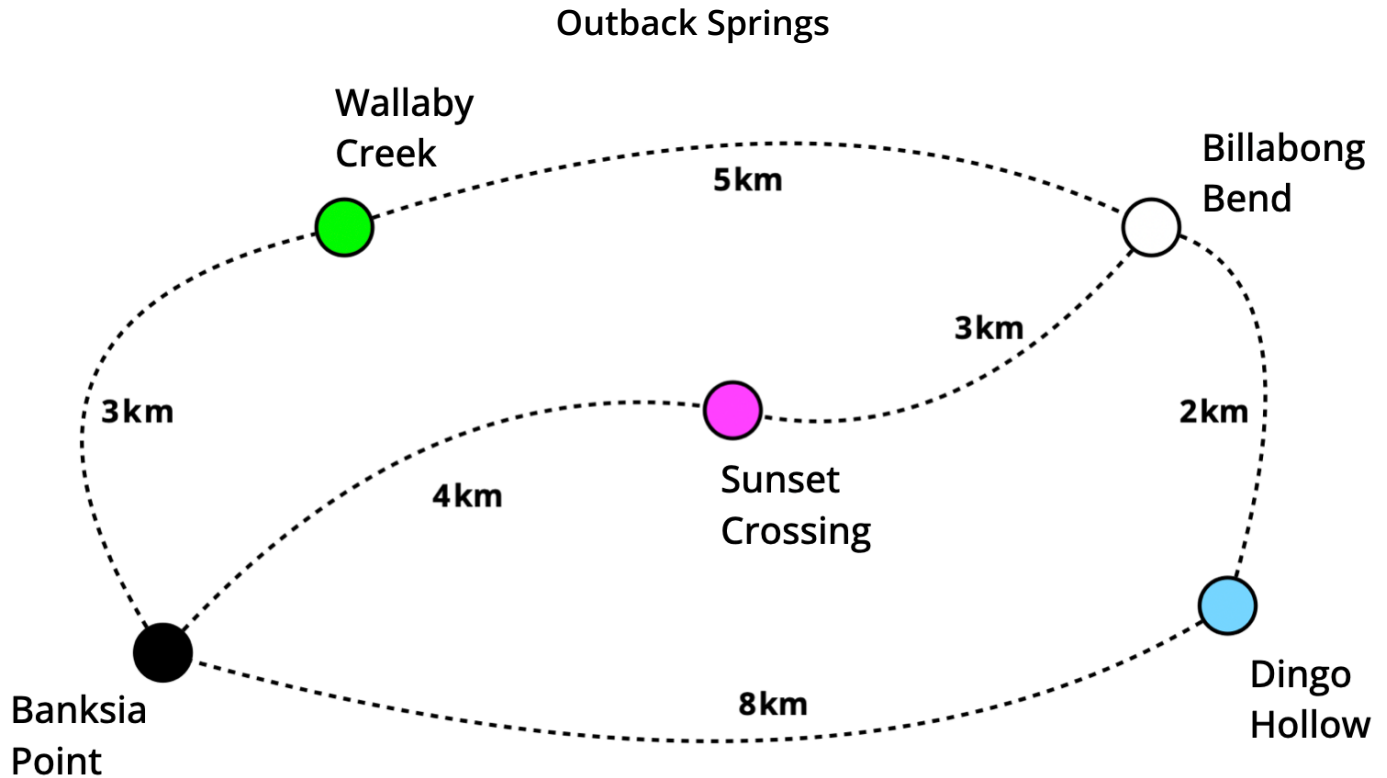
Diagrams: Share and Compare

Olivia and Liam share 14 pencils.
Olivia has 2 more pencils than Liam.
How many pencils does Liam have?



Pete, Ari and James share 14 toy cars.
Pete has 4 cars.
Ari and James have the same number of cars.
How many cars does Ari have?



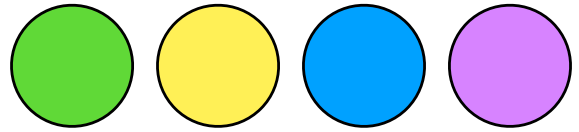


- 1) What is the distance between Dingo Hollow and Banksia Point?
- 2) What is the distance between Sunset Crossing and Billabong Bend?
- 3) Is Banksia Point closer to Wallaby Creek or Sunset Crossing?
- 4) Is Dingo Hollow closer to Billabong Bend or Banksia Point?
- 5) I want to travel from Sunset Crossing to Wallaby Creek.
Find the shortest route I can take. Trace it in blue.
What is the distance of this route?
- 6) I live in Dingo Hollow.
Where could I move to live where it is not very far to travel to either Billabong Bend or Banksia Point?

Line Up! Line Up!

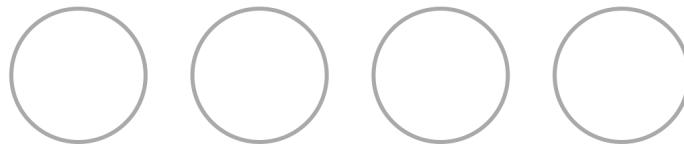
You will need these counters:

Remember to look for a clever clue to start with.



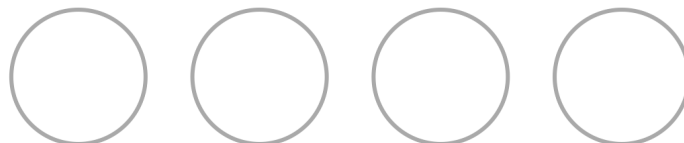
Line Up One: Green, Yellow, Blue, Purple

- ☐ Green is at an end.
- ☐ Yellow is between Blue and Purple.
- ☐ Purple comes before Yellow.
- ☐ Blue is next to Green.



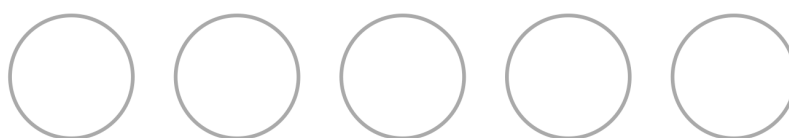
Line Up Two: Green, Yellow, Blue, Purple

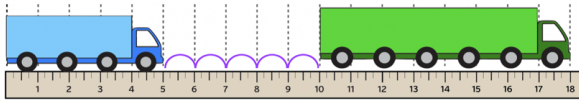
- ☐ Purple is next to Blue.
- ☐ Yellow is next to Purple.
- ☐ Green is at the end.
- ☐ Blue is directly to the left of Purple.



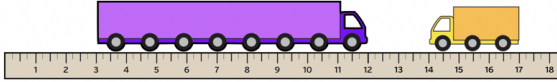
Line Up Three: Green, Yellow, Blue, Purple, Black

- ☐ Yellow is at an end.
- ☐ Black is in the middle.
- ☐ Purple is between Yellow and Black.
- ☐ Green is directly right of Blue

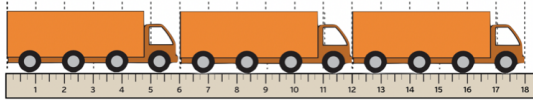




- 1) The ruler above has 2 trucks on it. **Between** them is some space. **5cm**
How long is the space between the trucks?

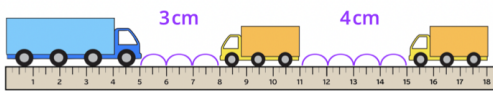


- 2) The ruler above has 2 trucks on it. There is space **before**, **between** and **after** the trucks.
Altogether, how many centimetres of empty space are there on this ruler?



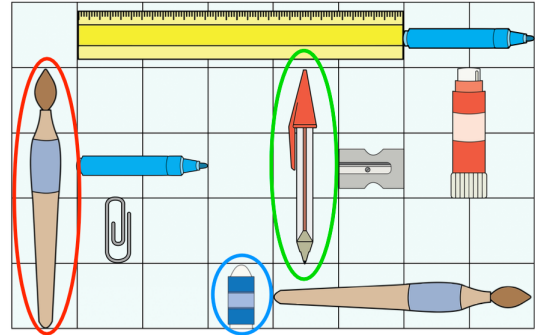
- 3) There is one orange truck on this ruler. How many more orange trucks can fit on this ruler?

2 more

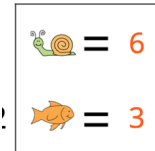
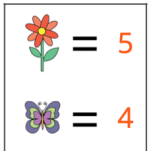
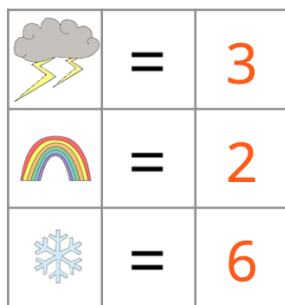


- 4) I have a red truck that is 5 cm long. Is there a space where it can fit it on this ruler?

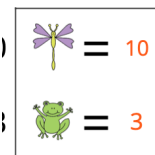
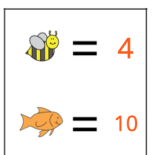
No



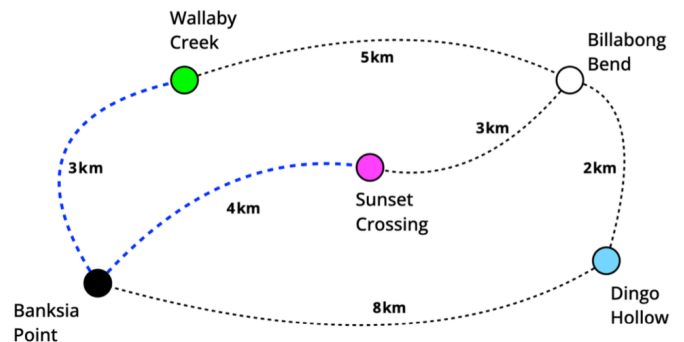
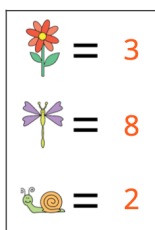
- Find an item that is the same length as the pencil sharpener. Circle it in blue.
- Find an item that is twice as long as the blue felt tip pen. Circle it in red.
- Find an item on the grid that is longer than the glue stick but shorter than the paintbrush. Circle it in green.
- Is there space for another blue felt tip pen above the glue stick? **Yes**.
Can you draw it on?
- Is there a space for another paintbrush? **Yes**.
Where can it fit?
- Add a paper clip to the grid that is the same length as the eraser.
Must be one square long. Many locations are possible.



Liam has 6 pencils.



Ari has 5 cars.



- What is the distance between Dingo Hollow and Banksia Point? **8km**
- What is the distance between Sunset Crossing and Billabong Bend? **3km**
- Is Banksia Point closer to Wallaby Creek or Sunset Crossing? **Wallaby Creek**
- Is Dingo Hollow closer to Billabong Bend or Banksia Point? **Billabong Bend**
- I want to travel from Sunset Crossing to Wallaby Creek.
Find the shortest route I can take. Trace it in blue.
What is the distance of this route? **7km**
- I live in Dingo Hollow.
Where could I move to live where it is not very far to travel to either Billabong Bend or Banksia Point? **Sunset Crossing**

