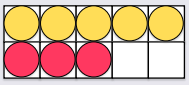
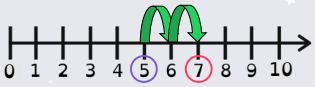
To be able to add by counting on

MathShed

Starter:

What's the same? What's different?





Explain your answer.

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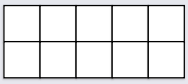
Activity 1:

Use the ten frame and counters to help you complete the number story in as many ways as possible.



There were __ people at the bus stop.
Then another __ people arrived.
There are __ people at the bus stop now.

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Activity 2:

Use the bar model below to help you calculate the following.

Yasmin has 14 badges.
She wins another 5 badges.
How many badges does Yasmin have now?

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Activity 3:

Use a number line to calculate:

a) 12 + 3 = ☐

b) 9 + 5 = ☐

c) 8 + 7 = ☐

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Activity 4:

Create your own number stories for the following calculations:

a) 0 + 16 = ☐

b) 9 + 7 = ☐

c) 8 + ☐ = 16

Example:

First, I had 8 medals.

Then, I won 4 medals.

Now, I have 12 medals

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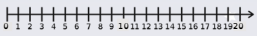
Activity 5:

James and Ruth are using number lines to complete addition calculations.

Ruth starts at 9 and counts on 6 more.

James starts at 6 and counts on 9 more.

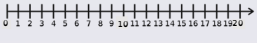


What are their results?

Does this work for other numbers too?

Have you noticed a pattern?

Whose strategy do you prefer?



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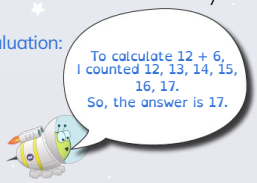
Evaluation:



Do you agree with Astrobee?
Explain your answer.