

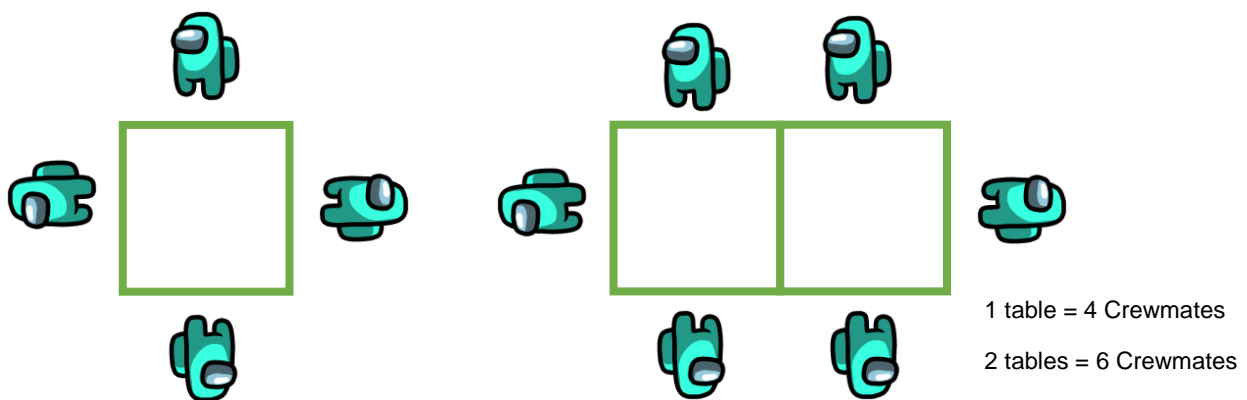
Online Learning: Monday 11th January 2021

Years 5 & 6

Our theme for this term is *SPACE!*

Today, we'd like you to:

- 1) Solve the following problem. AmongUs crewmates are having an emergency meeting. However, because of the restrictions they still must stay 2m apart, so only one astronaut can sit at each side of the table. They do want the tables to be in one long row, so everyone can talk. See the diagram below.



You could present your information in a table or draw pictures to help you solve the problems.

How many crewmates can sit at...?

- 8 tables?
- 10 tables?
- 20 tables?

2) Alien Bodies!

When returning from fixing an external repair on his ship and astronaut sees 20 eyes staring at him in the dark. On his travels he has met four types of alien. What different combinations of aliens could there be? Can you find all the possibilities?



- 3) Think about objects around the home and outside. How might you describe what they are to an alien? Can you measure their mass if you have some kitchen scales in the house? Can you measure their length, using different units such as metres, centimetres and millimetres converting between the units?

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