

# F-2: REMOTE MATHS

EDITION 11

## NUMBER AND ALGEBRA - WARM UPS

**Mathematical language:** Difference, estimate, total, division, predict, tens, ones, add.

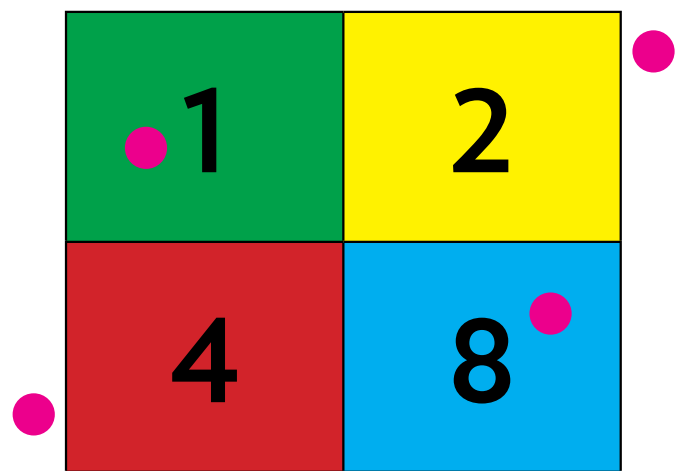
### TASK 1: NUMBER HOKEY POKEY

*Adapted from Dr Paul Swan*

*Materials:* 4 pieces of paper, 4 counters (or similar)

Place the numbers 1, 2, 4 and 8 on the pieces of paper and place the four counters next to/near each of the numbers. With only one counter allowed to go on one number, how can you make the following target numbers? For example, in the example here there is a counter on 1 and 8 to make a total of 9.

- 7
- 3
- 12



### TASK 2: MISSING NUMBERS

*(Adapted from Sullivan 2017)*

Twelve teddies all sat down at a café which had 4 tables.

Draw or use toys to show how the teddies might have sat at each table.

*Extending prompt:* There are six possible solutions. Find them all.



## EDITION 11: NUMBER AND ALGEBRA (CONT.)

### TASK 3: PLACE VALUE STEPPING STONES

*Materials:* playing board and playing cards (download from <https://www.mav.vic.edu.au/Tenant/C0000019/00000001/downloads/Resources/remote-learning-support/home-learning-tasks/edition-11/PLACE-VALUE-STEPPING-STONES.pdf>)

- Watch this video with instructions for playing Place Value Stepping Stones (<https://www.youtube.com/watch?v=3CtDkzTptwQ&feature=youtu.be>)

### TASK 4: CANDY CORN *Adapted from Estimation180*

How many pieces of cotton candy are there in this quarter cup?

First make some estimations:

- How many would be too low?
- How many would be too high?
- What is your estimation?

Then watch this video to see the solution

<https://estimation180.com/day-25/>

Repeat the same steps for these next two problems also featuring the candy corn.

- <https://estimation180.com/day-26/>
- <https://estimation180.com/day-27/>



### TASK 5: WHICH ONE DOESN'T BELONG? *Adapted from https://wodbc.ca/numbers.html*

Choose one of these three images to work out which object, number or equation doesn't belong and why.

Think of at least 2 different responses.

3	27
123	31

$8+6$	$7+7$
$8+7$	$5+9$


*Look out for more tasks next week!*

