

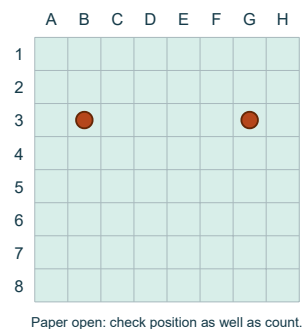
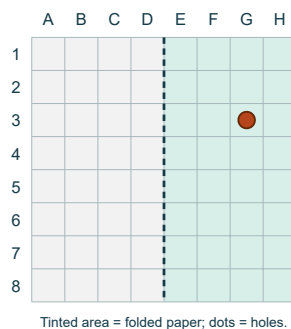
# Fold it. Picture it. Open it.

Six original spatial-reasoning exercises with an answer key. Start with one fold; move on only when the rule makes sense.

**The rule:** Undo the last fold first. Reflect every existing hole across that crease, keeping the same distance from it. Then undo the next fold.

## A worked example

Fold the left half onto the right half and punch G3. Opening the vertical fold creates a matching hole at B3. Both holes stay on row 3.



## How to use the practice sheets

1. Read the fold directions. A–H label columns; 1–8 label rows.
2. The tinted region is the paper after folding. The rest is its original footprint. Dark dots show the punches.
3. Predict the holes on the blank grid. Say which crease opens first.
4. Check the answer page. If needed, retrace one unfold at a time.

For a physical check, an adult can fold paper and make the holes. Keep its orientation fixed. Work untimed and stop after a few thoughtful examples.

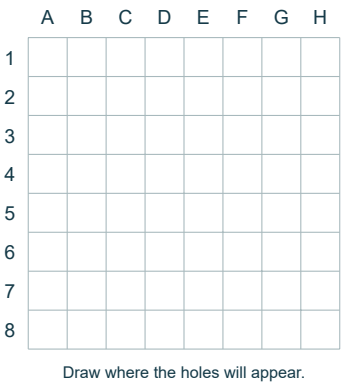
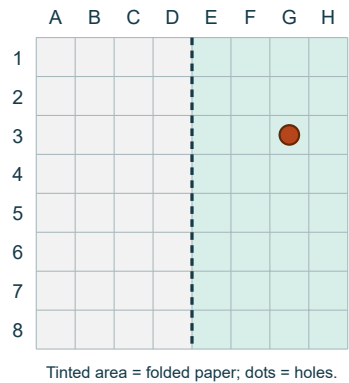
The grid is a teaching aid, not the official test layout. These are original GrowMindGrow examples, not official CogAT items or a score predictor. CogAT is a registered trademark of Riverside Insights; GrowMindGrow is not affiliated with or endorsed by the publisher.

# Find the mirror holes

Name: \_\_\_\_\_ Date: \_\_\_\_\_ · Draw the final holes on each blank grid.

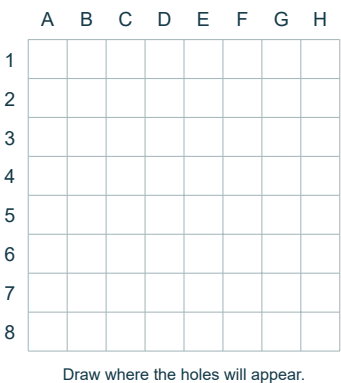
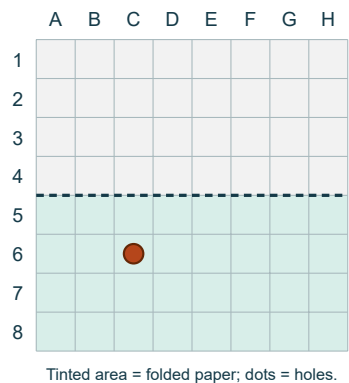
## Problem 1

Fold the left half over the right half. Punch G3.



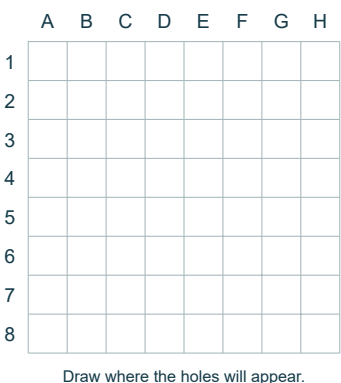
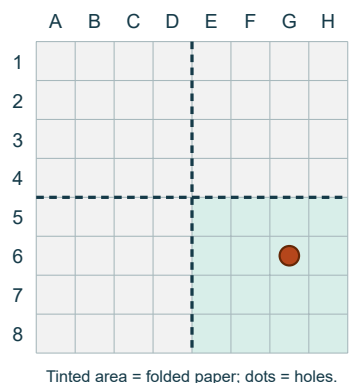
## Problem 2

Fold the top half over the bottom half. Punch C6.



## Problem 3

Fold left over right, then top over bottom. Punch G6.

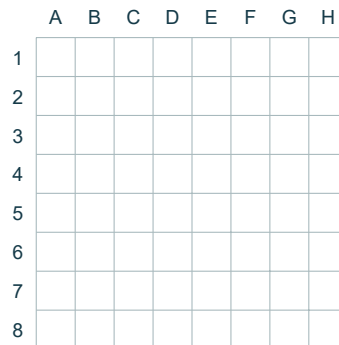
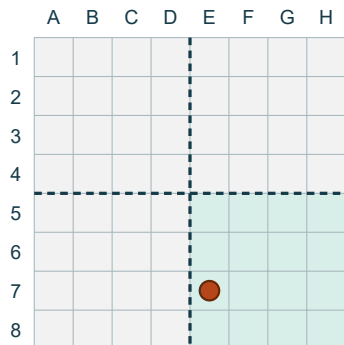


# More folds, more to track

Name: \_\_\_\_\_ Date: \_\_\_\_\_ · Draw the final holes on each blank grid.

## Problem 4

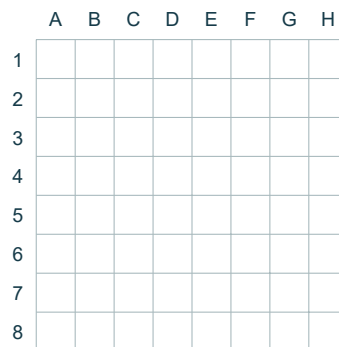
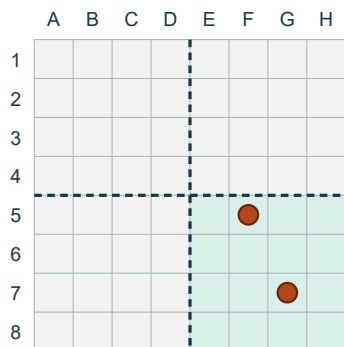
Fold top over bottom, then left over right. Punch E7.



Draw where the holes will appear.

## Problem 5

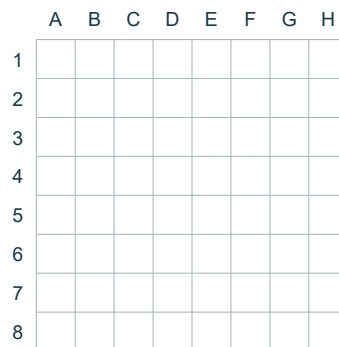
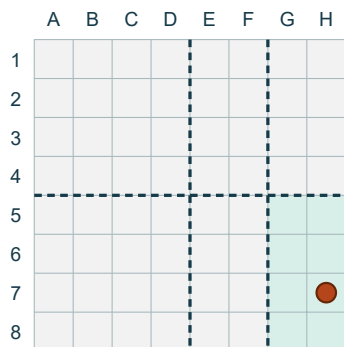
Fold left over right, then top over bottom. Punch F5 and G7.



Draw where the holes will appear.

## Problem 6

Fold left over right, then top over bottom. Fold columns E–F over G–H. Punch H7.

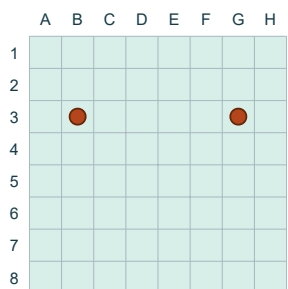


Draw where the holes will appear.

# Answers and checking points

Read a location as column, then row: B3 means column B, row 3. A correct count alone is not enough; every hole must be in the right place.

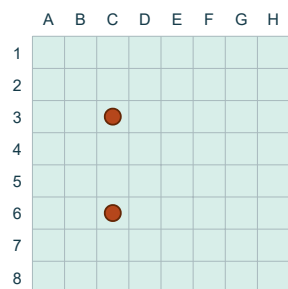
## Problem 1



Paper open: check position as well as count.

B3, G3

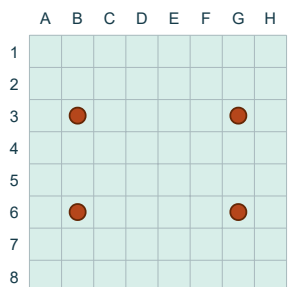
## Problem 2



Paper open: check position as well as count.

C3, C6

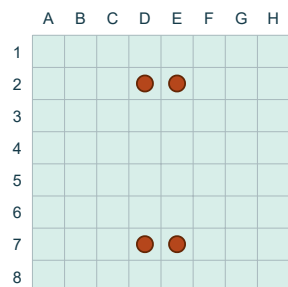
## Problem 3



Paper open: check position as well as count.

B3, G3, B6, G6

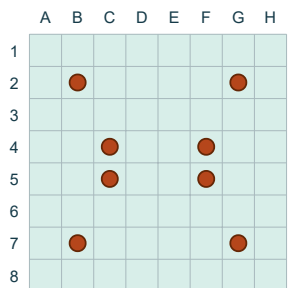
## Problem 4



Paper open: check position as well as count.

D2, E2, D7, E7

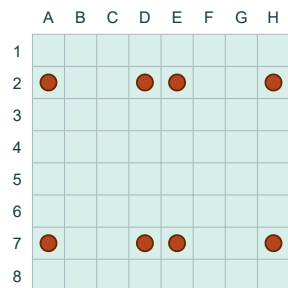
## Problem 5



Paper open: check position as well as count.

B2, G2, C4, F4, C5, F5, B7, G7

## Problem 6



Paper open: check position as well as count.

A2, D2, E2, H2, A7, D7, E7, H7

For problem 6, open the crease between F and G first, then the horizontal middle crease, then the vertical middle crease.