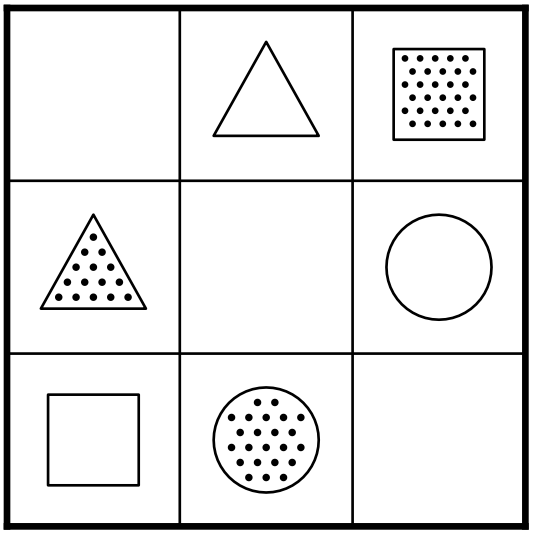
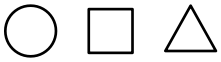
Learn a new puzzle

Two-Trait Grid

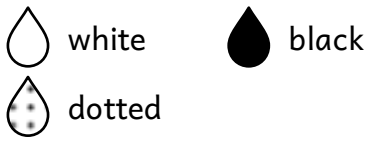
Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.



Shapes:



Fills:



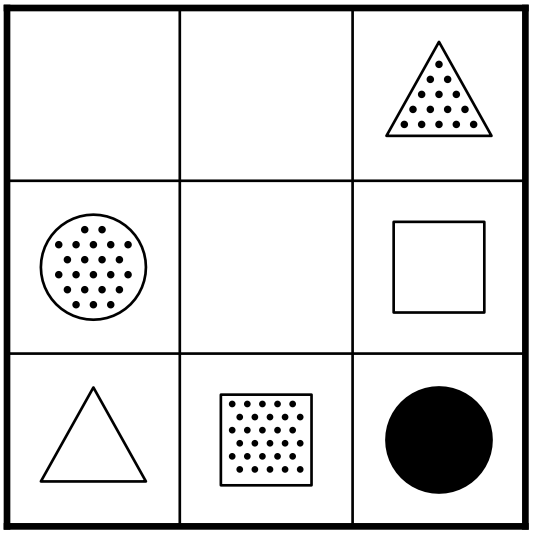
1. Each row needs every shape once and every fill once.
2. Find a cell where only one shape and one fill can go.
3. Keep a list of the pairs you have used: each pair only once.

Which shape is missing in this row? Which fill?

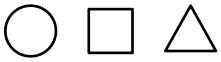
© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

1 Two-Trait Grid

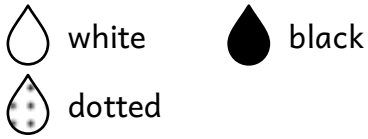
Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.



Shapes:

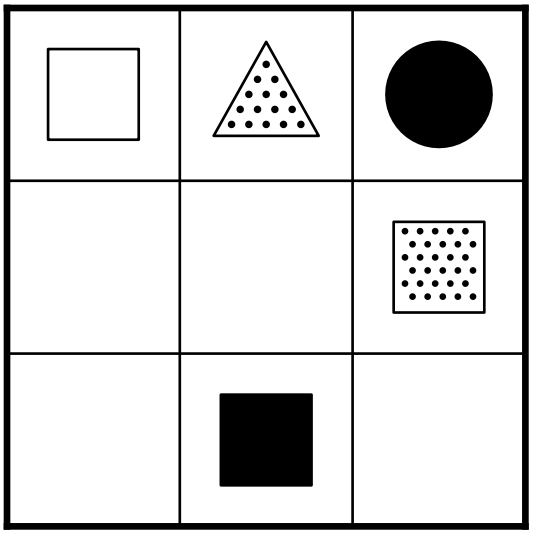


Fills:

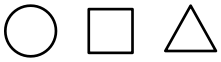


2 Two-Trait Grid

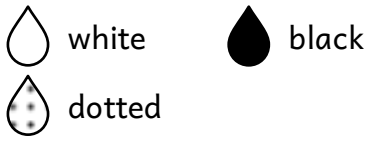
Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.



Shapes:



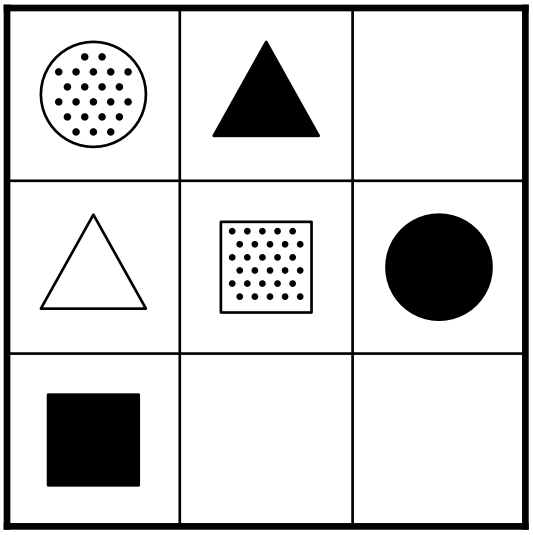
Fills:



© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

3 Two-Trait Grid

Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.



Shapes:

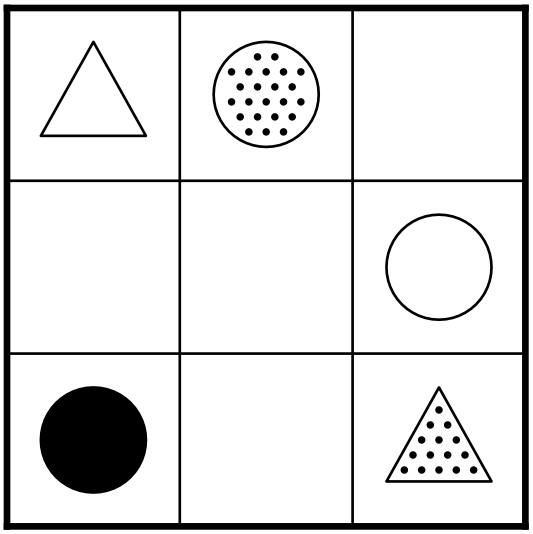
Fills:

white black

dotted

4 Two-Trait Grid

Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.



Shapes:

Fills:

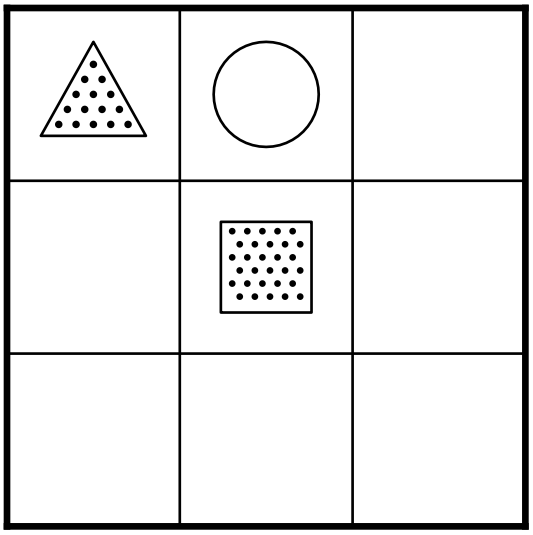
white black

dotted

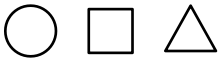
© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

5 Two-Trait Grid

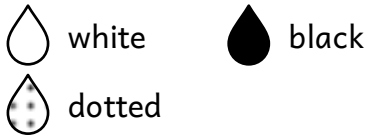
Each row and column has each shape once and each fill once.
No pair twice. Draw the missing ones.



Shapes:

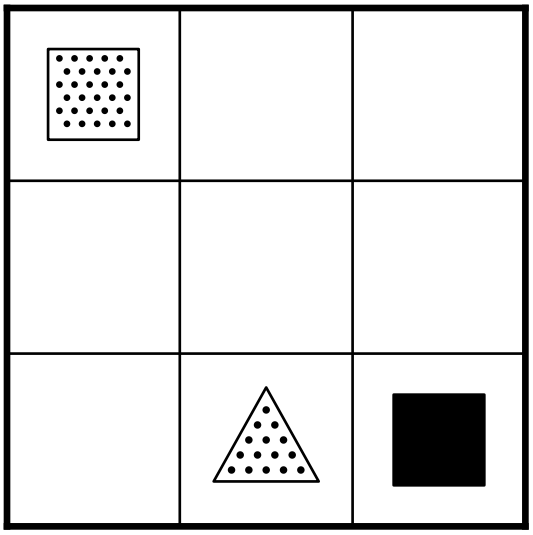


Fills:

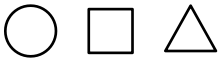


6 Two-Trait Grid

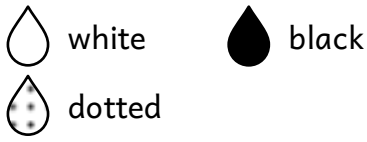
Each row and column has each shape once and each fill once.
No pair twice. Draw the missing ones.



Shapes:



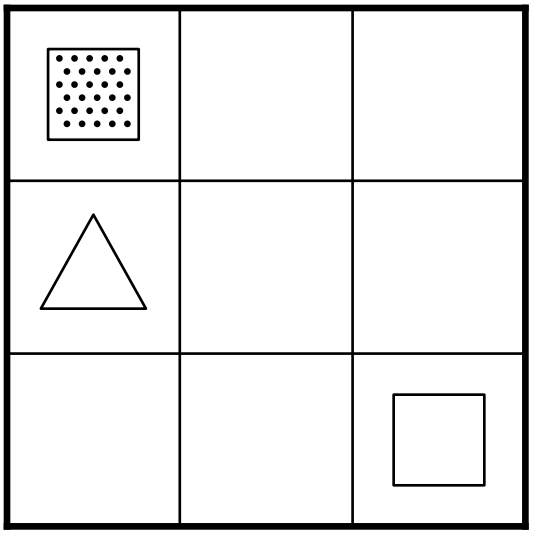
Fills:



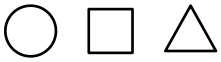
© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

7 Two-Trait Grid

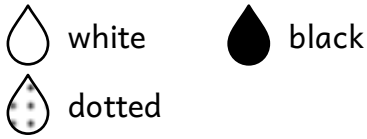
Each row and column has each shape once and each fill once.
No pair twice. Draw the missing ones.



Shapes:

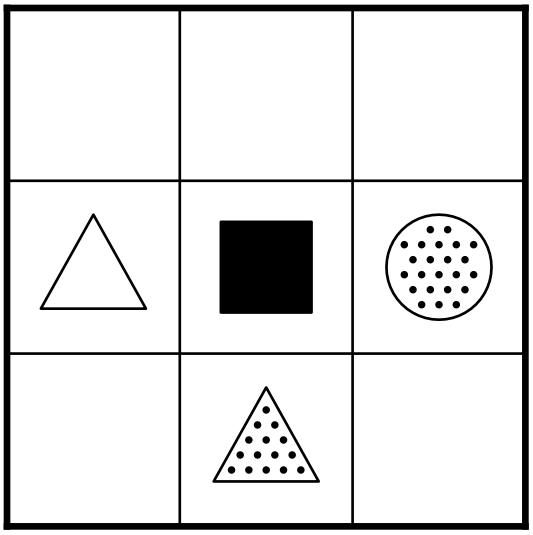


Fills:

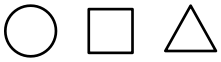


8 Two-Trait Grid

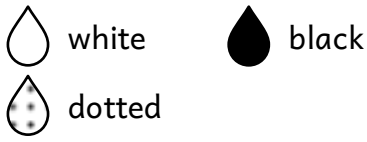
Each row and column has each shape once and each fill once.
No pair twice. Draw the missing ones.



Shapes:



Fills:

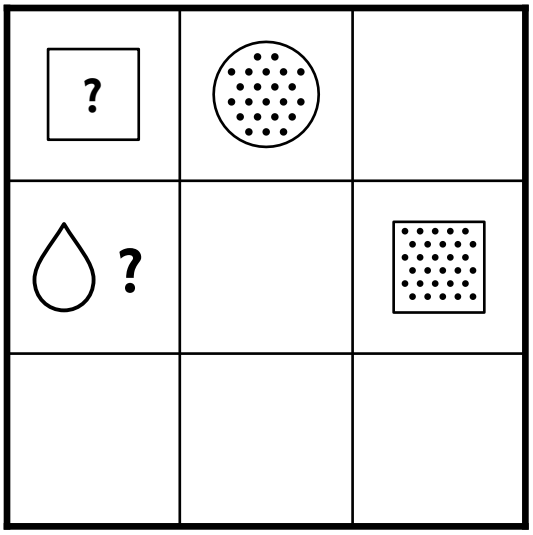


© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

9 Two-Trait Grid

Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.

☆☆☆



Shapes:

○ □ △

Fills:

white black

dotted

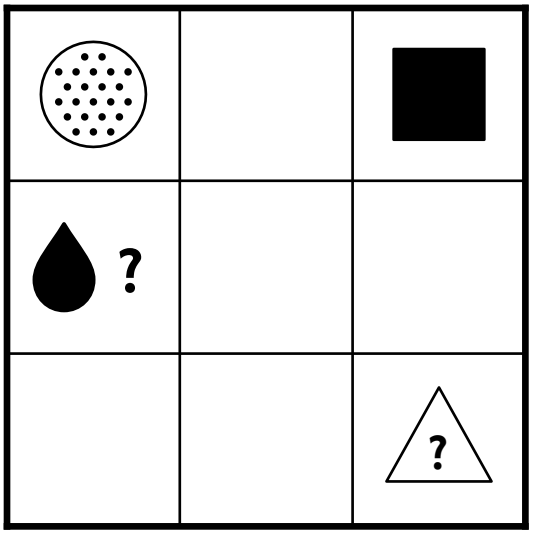
Shape is given: find its fill.

? Fill is given: find its shape.

10 Two-Trait Grid

Each row and column has each shape once and each fill once. No pair twice. Draw the missing ones.

☆☆☆



Shapes:

○ □ △

Fills:

white black

dotted

Shape is given: find its fill.

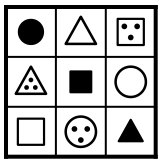
? Fill is given: find its shape.

© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com

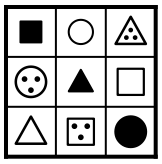
Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

Learn · Two-Trait Grid

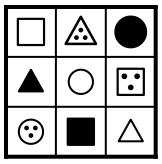


#1



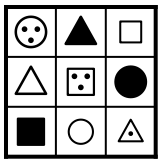
Find the row or column with only one shape (or fill) missing, and start there.

#2



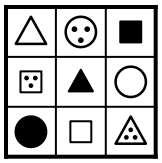
Find the row or column with only one shape (or fill) missing, and start there.

#3



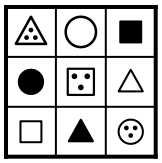
Find the row or column with only one shape (or fill) missing, and start there.

#4



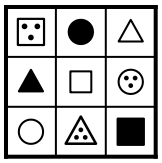
Find the row or column with only one shape (or fill) missing, and start there.

#5



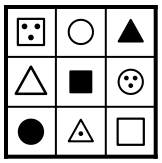
Find the row or column with only one shape (or fill) missing, and start there.

#6



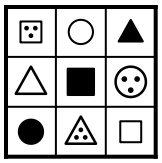
Find the row or column with only one shape (or fill) missing, and start there.

#7



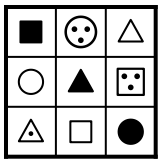
Find the row or column with only one shape (or fill) missing, and start there.

#8



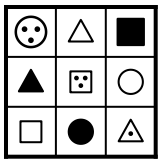
Find the row or column with only one shape (or fill) missing, and start there.

#9



Find the row or column with only one shape (or fill) missing, and start there.

#10



Find the row or column with only one shape (or fill) missing, and start there.

© 2026 Mathy Puzzles · Free to print and share · New puzzles every week at mathypuzzles.com