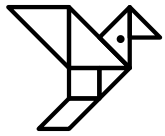


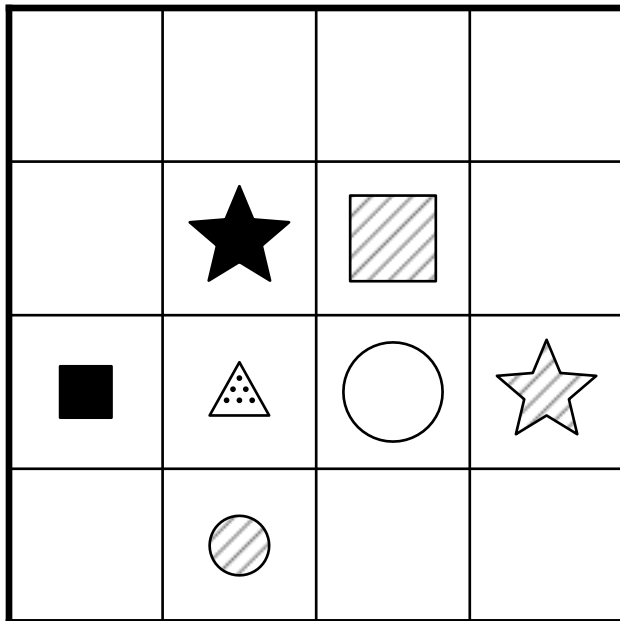


Learn a new puzzle

Three-Trait Grid



Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.



Shapes:



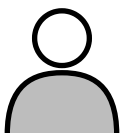
Fills:



Sizes:



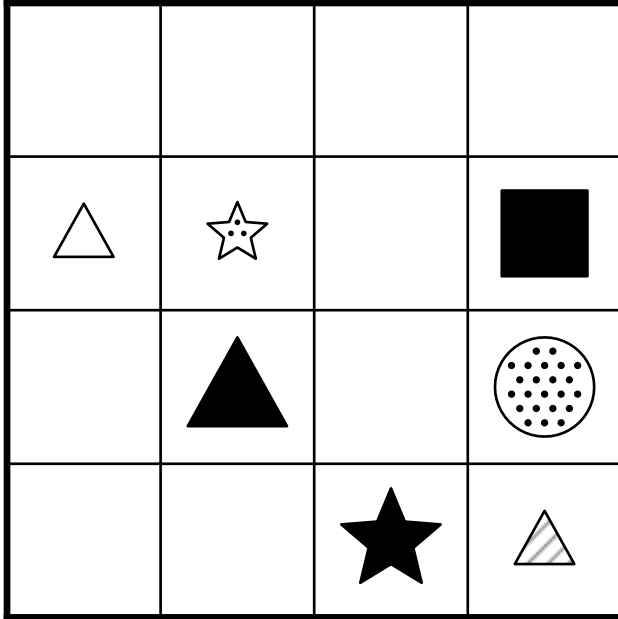
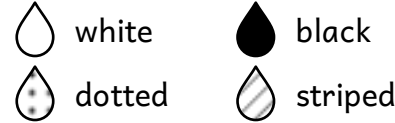
- 1 Sizes first: a row or column with 2 big already is small everywhere else.
- 2 Then shapes and fills: find a cell where only one shape and one fill can go.
- 3 Keep a list of the shape and fill pairs you have used: each pair only once.



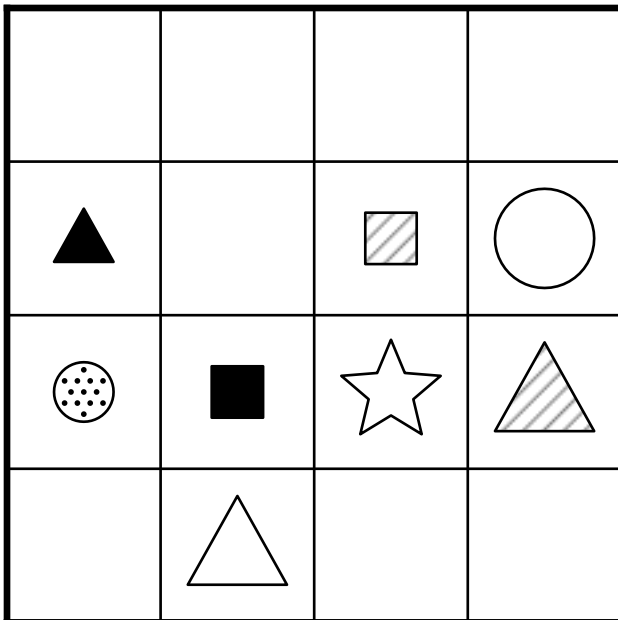
Big or small here? Which shape is missing in this row? Which fill?

**1****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

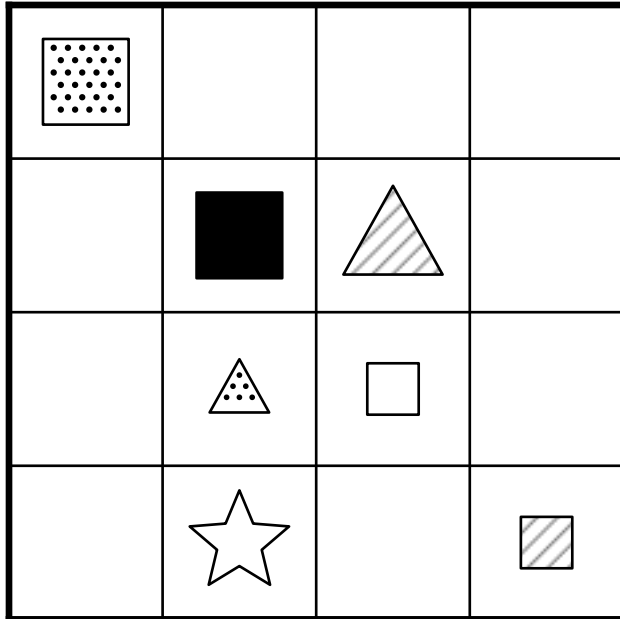
**Shapes:****Fills:****Sizes:****2****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

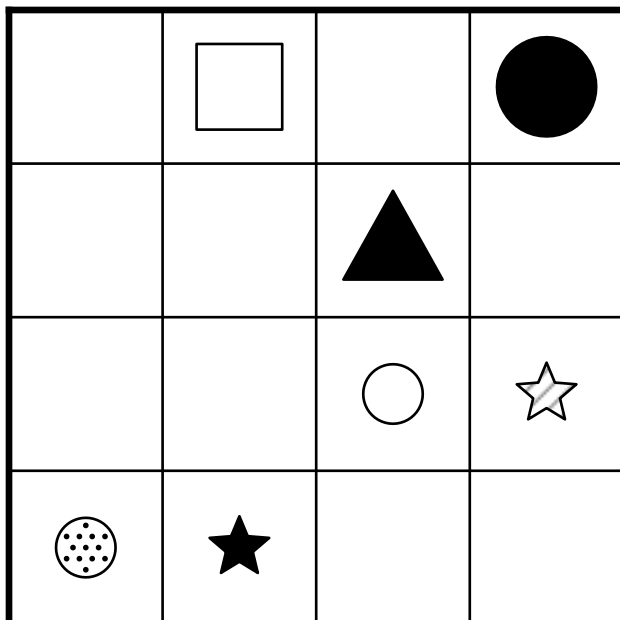
**Shapes:****Fills:****Sizes:**

**3****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

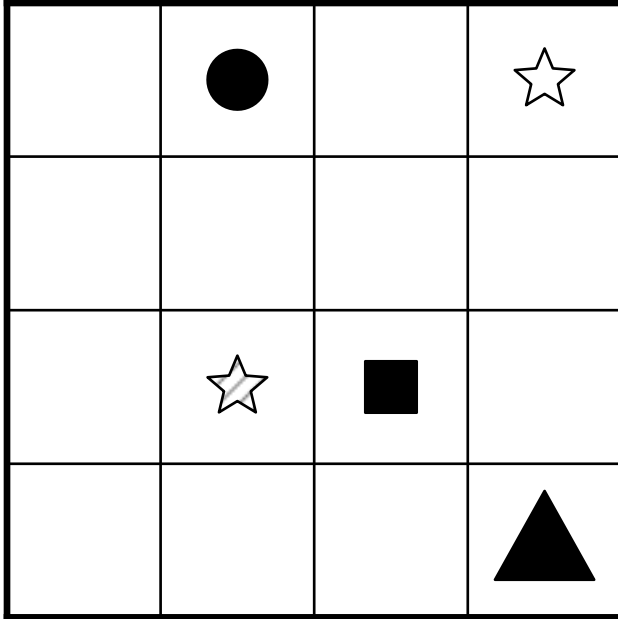
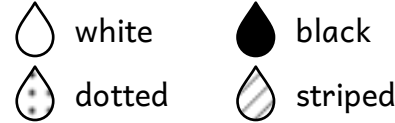
**Shapes:****Fills:****Sizes:****4****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

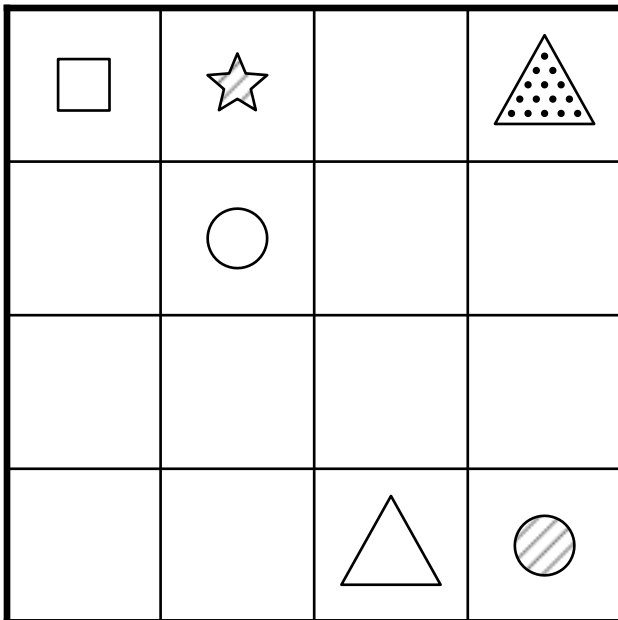
**Shapes:****Fills:****Sizes:**

**5****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

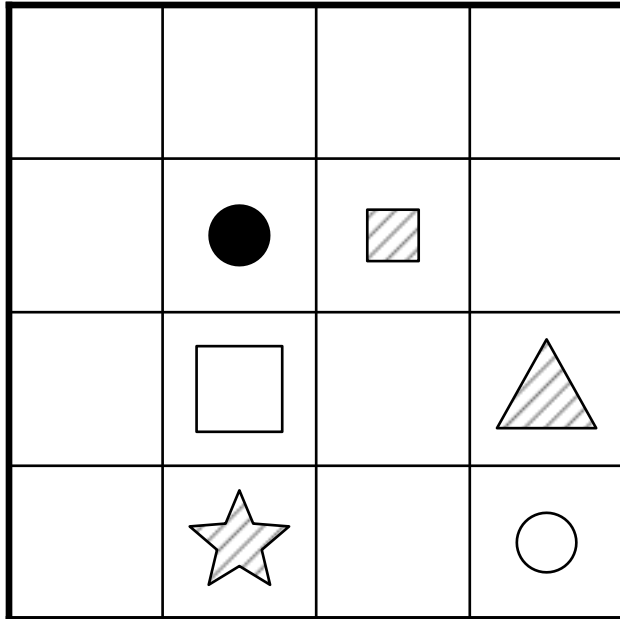
**Shapes:****Fills:****Sizes:****6****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

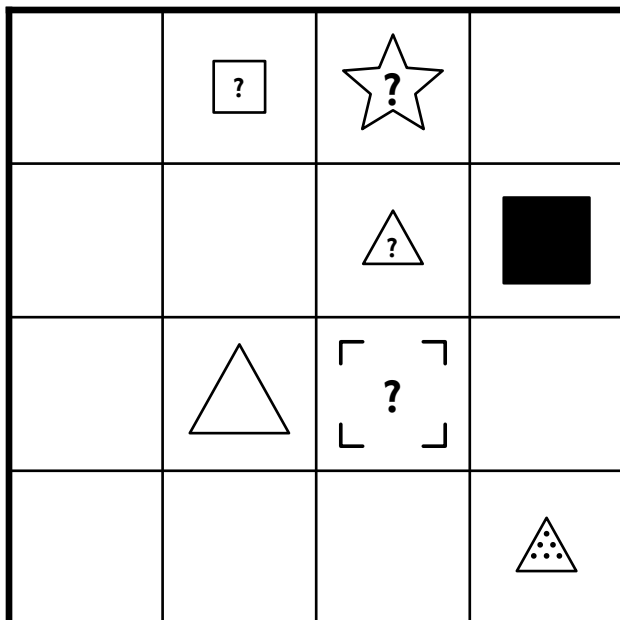
**Shapes:****Fills:****Sizes:**

**7****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

**Shapes:****Fills:****Sizes:****8****Three-Trait Grid**

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.

**Shapes:****Fills:****Sizes:**

Shape and size given: find the fill.

Size given: find the shape and fill.



9

Three-Trait Grid

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.



Shapes:



Fills:



Sizes:



Shape and size given: find the fill.

Fill and size given: find the shape.

Size given: find the shape and fill.

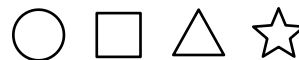
10

Three-Trait Grid

Each row and column has every shape once, every fill once, and 2 big and 2 small. No shape and fill pair is used twice. Draw the missing ones.



Shapes:



Fills:



Sizes:



Shape and size given: find the fill.

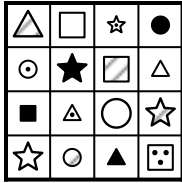
Size given: find the shape and fill.



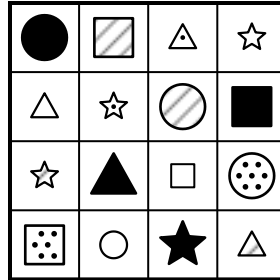
Answers

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

Learn · Three-Trait Grid

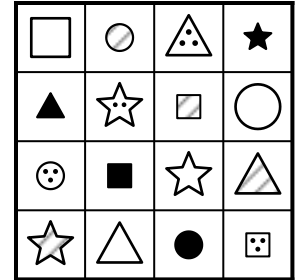


#1



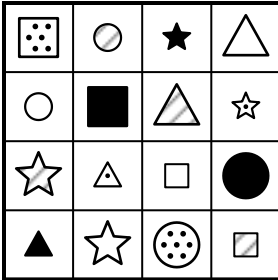
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#2



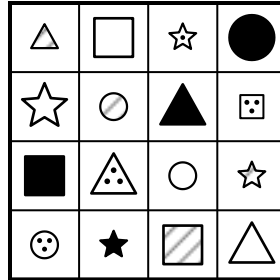
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#3



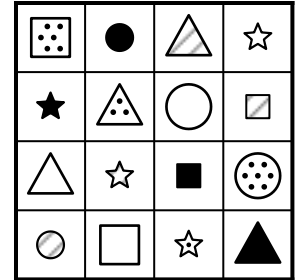
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#4



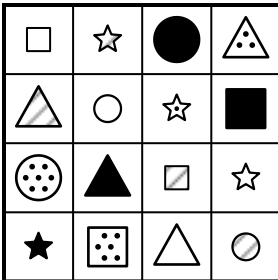
Sort out big and small first (2 of each in every row and column), then start with a row or column that has only one shape or fill missing.

#5



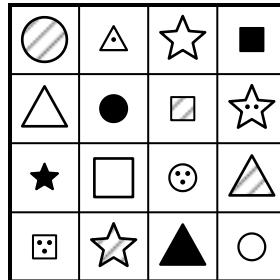
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#6



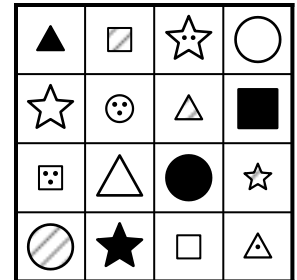
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#7



Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#8



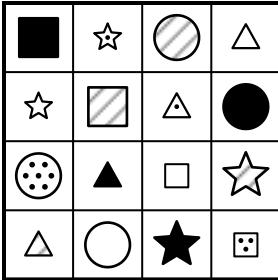
Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.



Answers

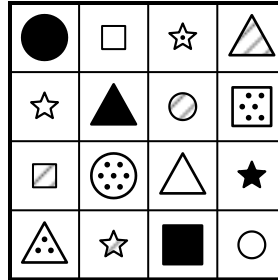
For grown-ups. Cut off or keep this page aside until the puzzles are done.

#9



Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.

#10



Sort out big and small first (2 of each in every row and column); then, when a cell still has two choices, cross off the shape and fill pair already used.