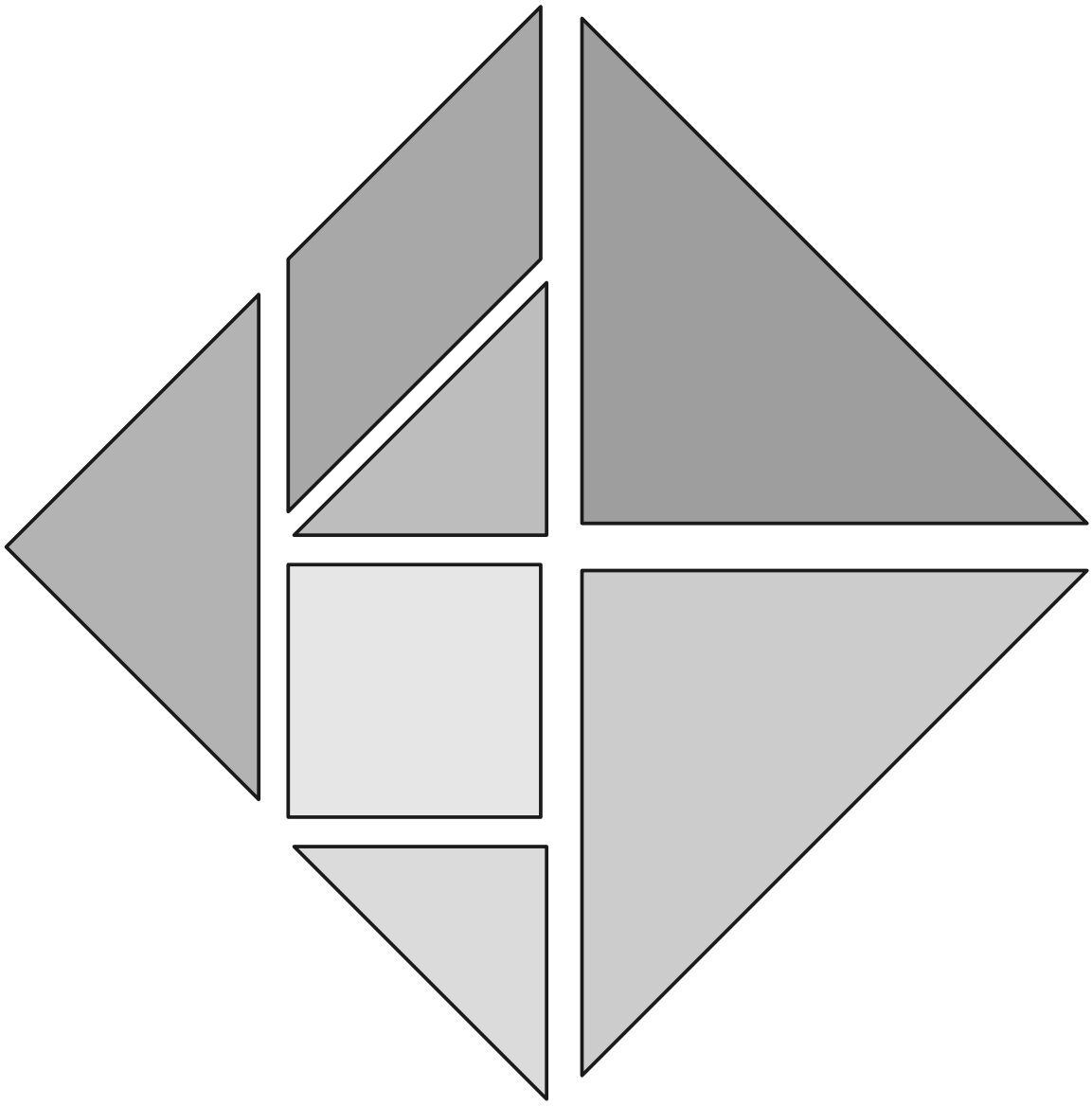
# Tangram and Pentomino Puzzles for Adults

**120 Shape Puzzles, 80 Tangram Silhouettes and 40 Pentomino Tilings, Easy to Expert, with Solutions**



**Harper Lane**

Sample pages

**Tangram and Pentomino Puzzles for Adults**

120 Shape Puzzles, 80 Tangram Silhouettes and 40 Pentomino Tilings, Easy to Expert, with Solutions

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All 120 puzzles in this book are original. Every tangram shape was checked by a computer: the seven pieces fill it exactly. Every piece puzzle has exactly one solution, proved by a complete computer search.

First edition, 2026

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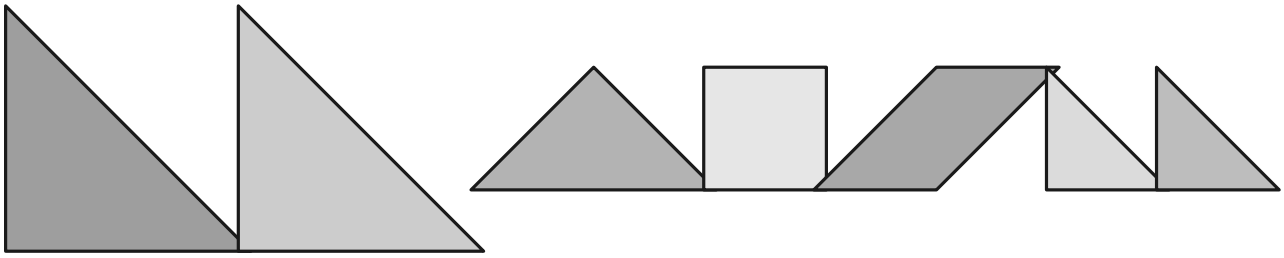
Sample pages

# How to Play

A tangram is a square cut into seven pieces: two large triangles, one medium triangle, two small triangles, a square and a parallelogram. Every shape in this book uses all seven.




## The rules

- ✓ Use all seven pieces every time.
- ✓ Pieces must lie flat and touch, but never overlap.
- ✓ You may turn any piece, and flip it over too.
- ✓ Any arrangement that fills the shape exactly counts. Many shapes can be built in more than one way.

## Tips

- ✓ Start with the two large triangles: they fill half of every shape. Look for the long straight edges and the sharp corners they must make.
- ✓ Shapes are drawn smaller than a real set and not all at one scale. Build them on the table beside the book.
- ✓ Every shape was checked by a computer: the seven pieces fill it exactly. The answers, with every piece shown, start on page 94.



Sample pages

# EASY TANGRAMS

★☆☆☆

## Puzzles 1 to 20

Warm-up figures with the two large triangles drawn in.



Sample pages

## 1 Reindeer

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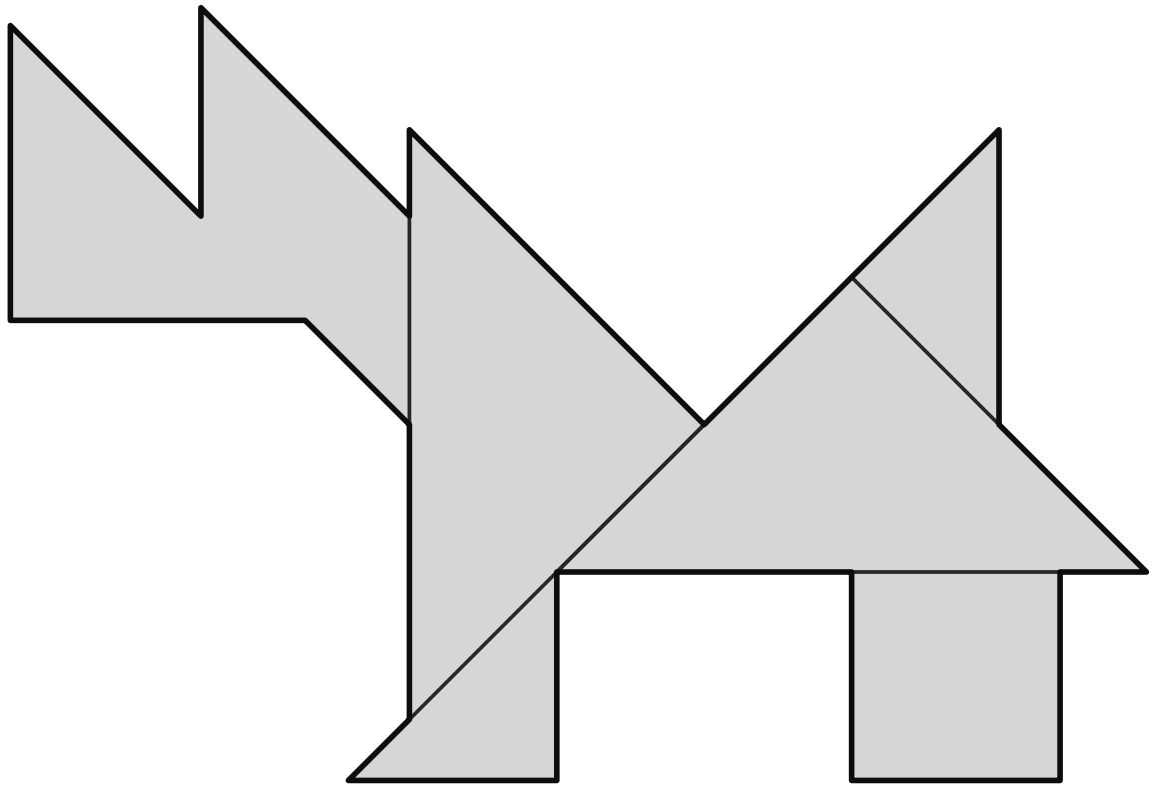
EASY



## 2 Llama

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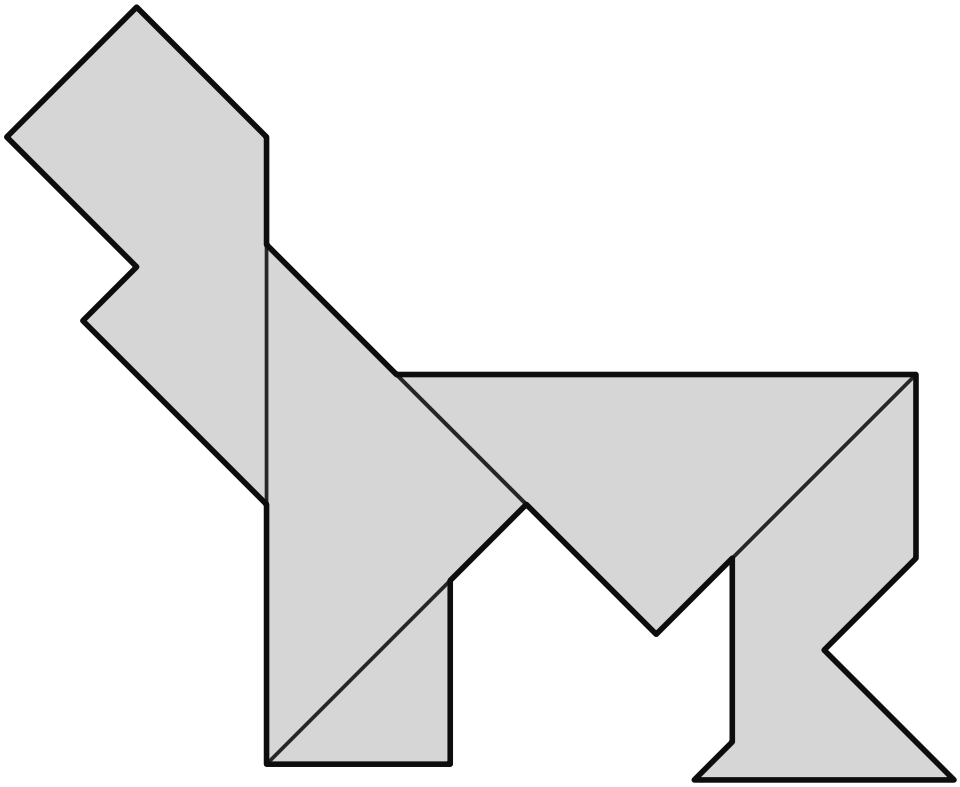
EASY





Sample pages

## 3 Letter C

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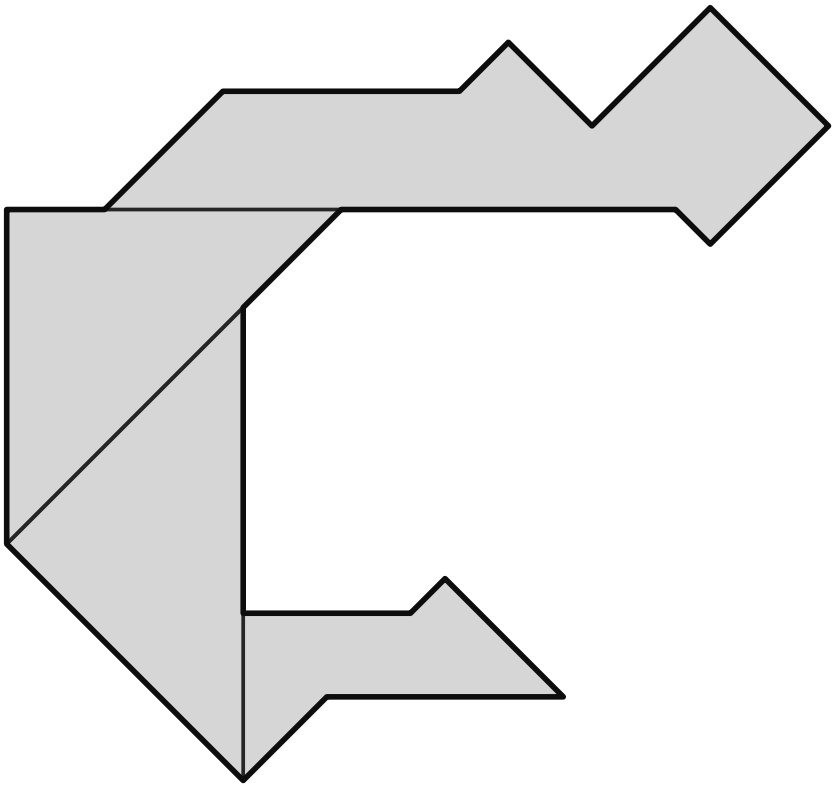
EASY



## 4 Goose

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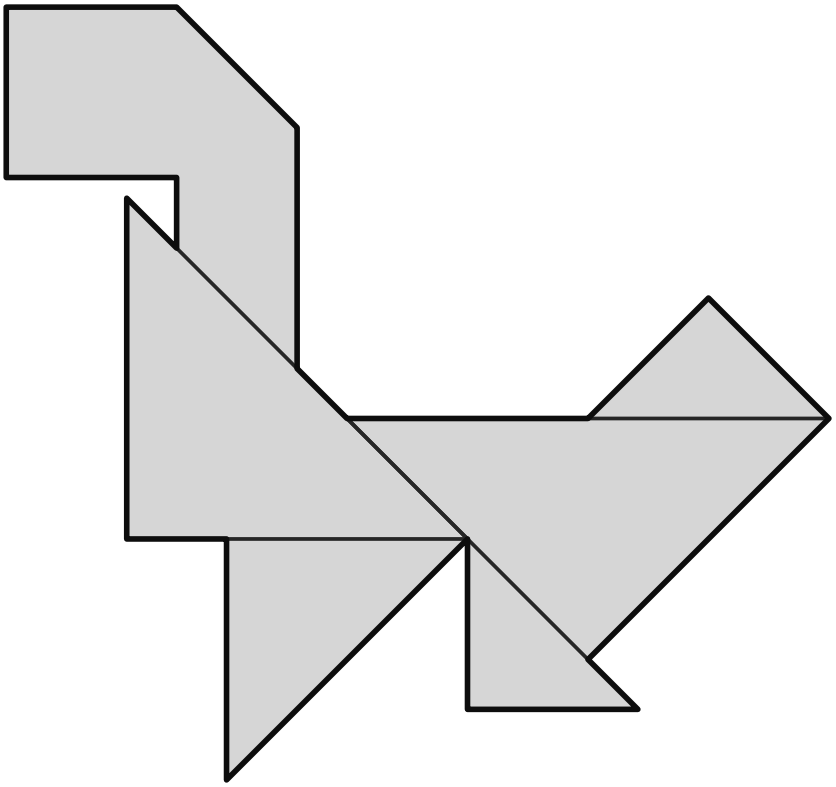
EASY





Sample pages

## 5 Letter X

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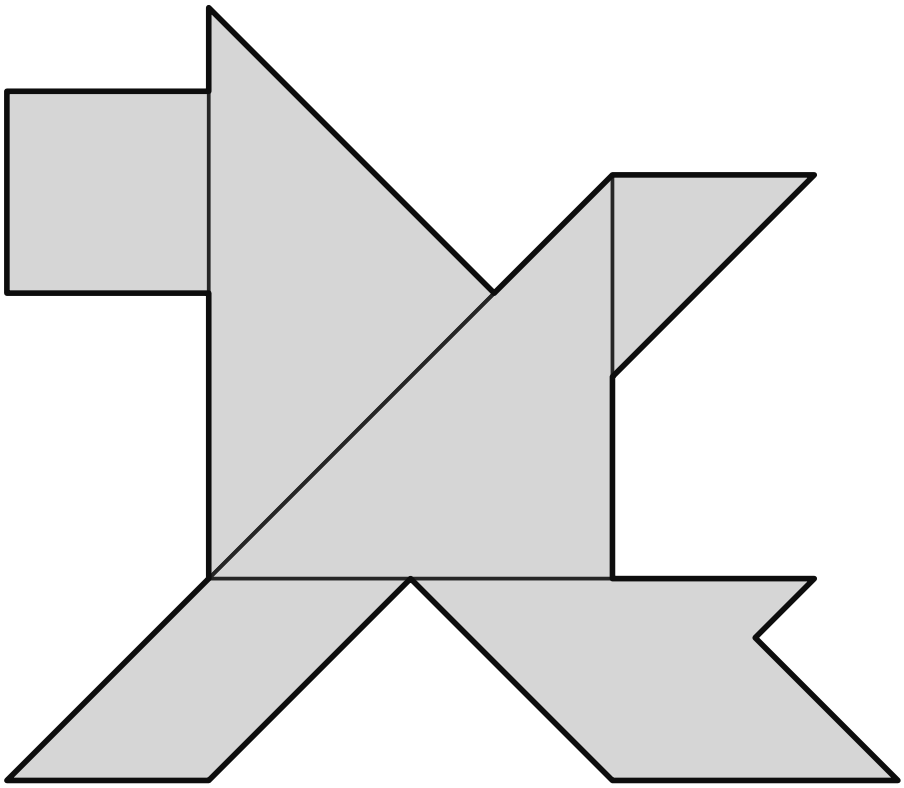
EASY



## 6 Anchor

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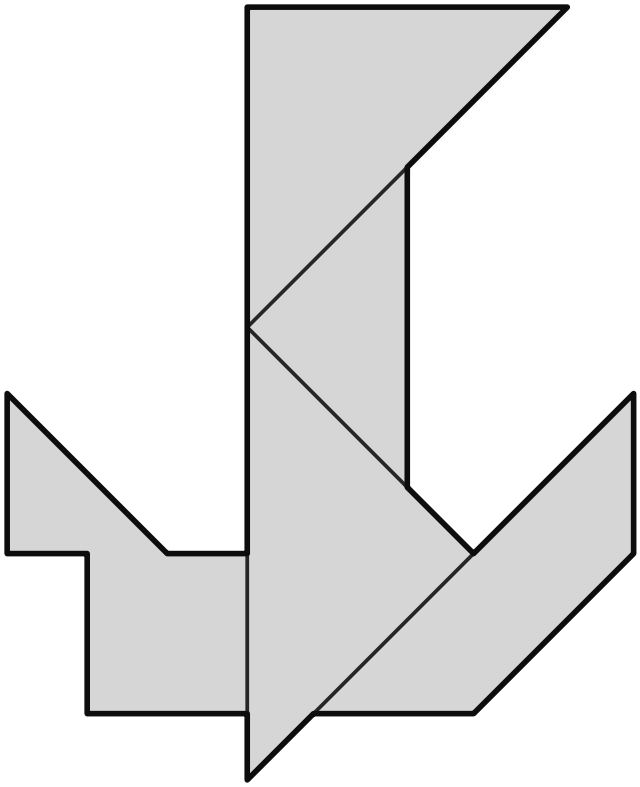
EASY





Sample pages

## 7 Letter S

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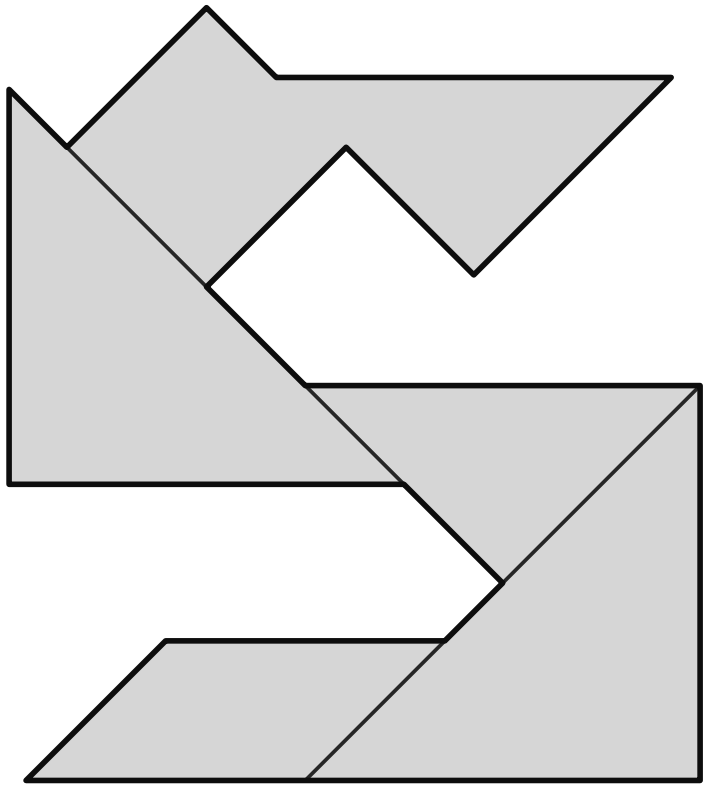
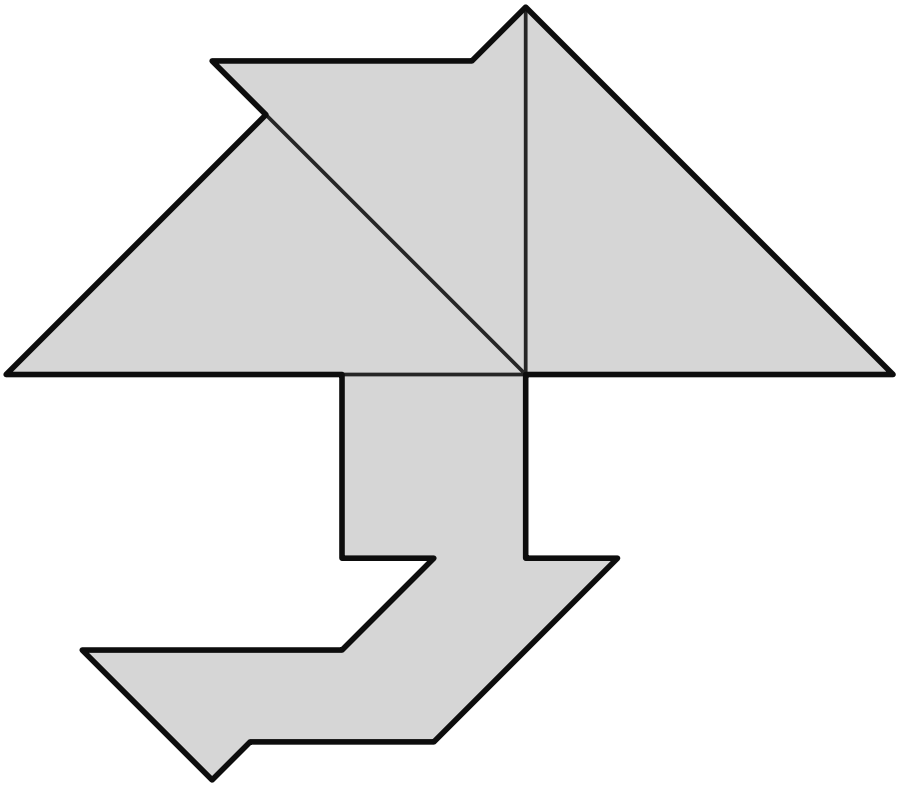
EASY



## 8 Umbrella

★☆☆☆

EASY





Sample pages

## 9 Airplane

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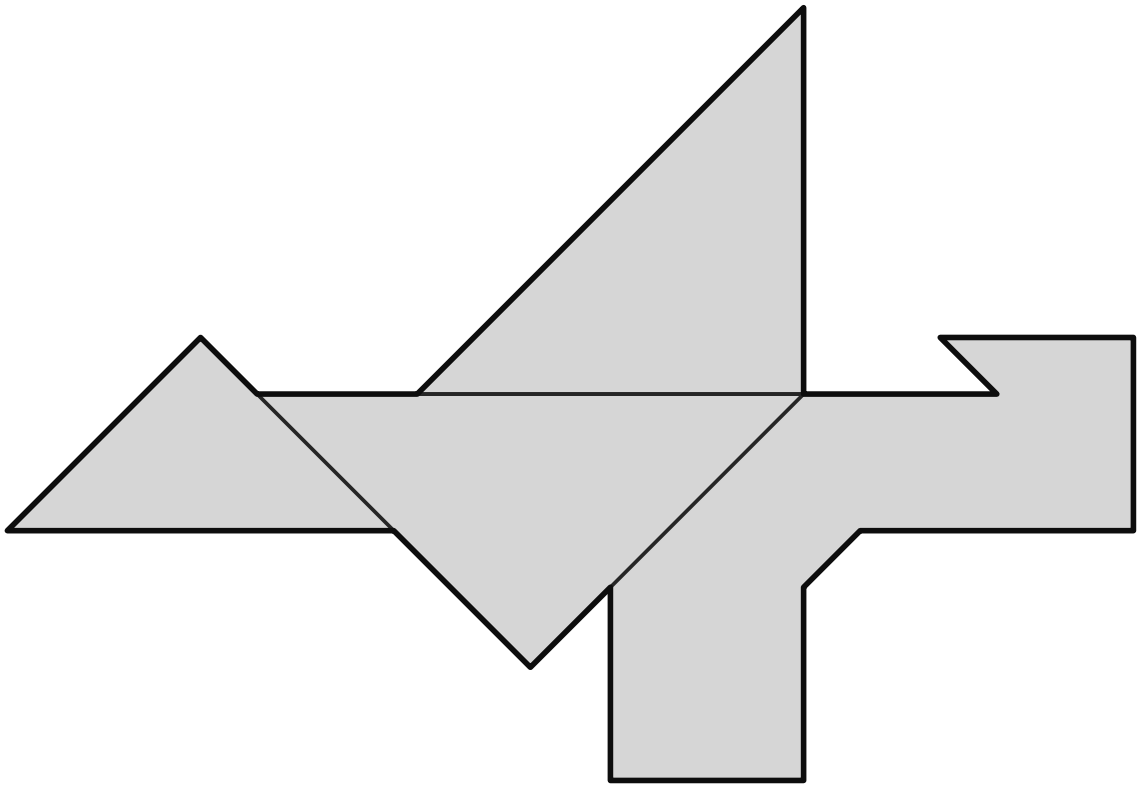
EASY



## 10 Letter Y

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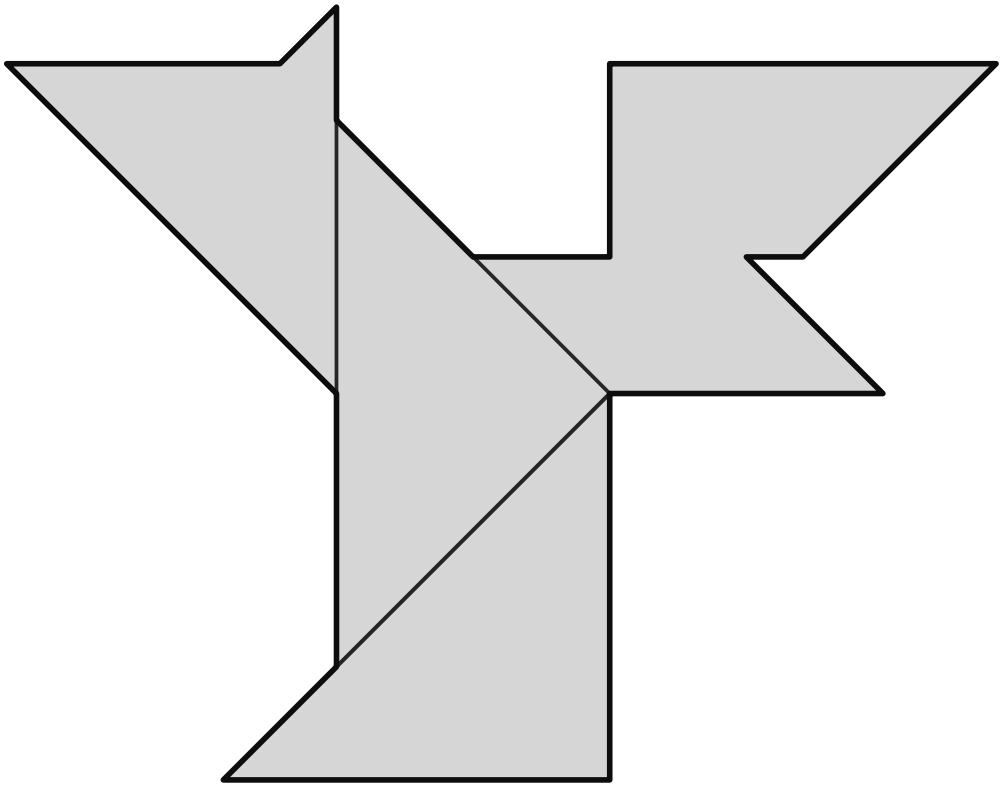
EASY





Sample pages

## 11 Puppy

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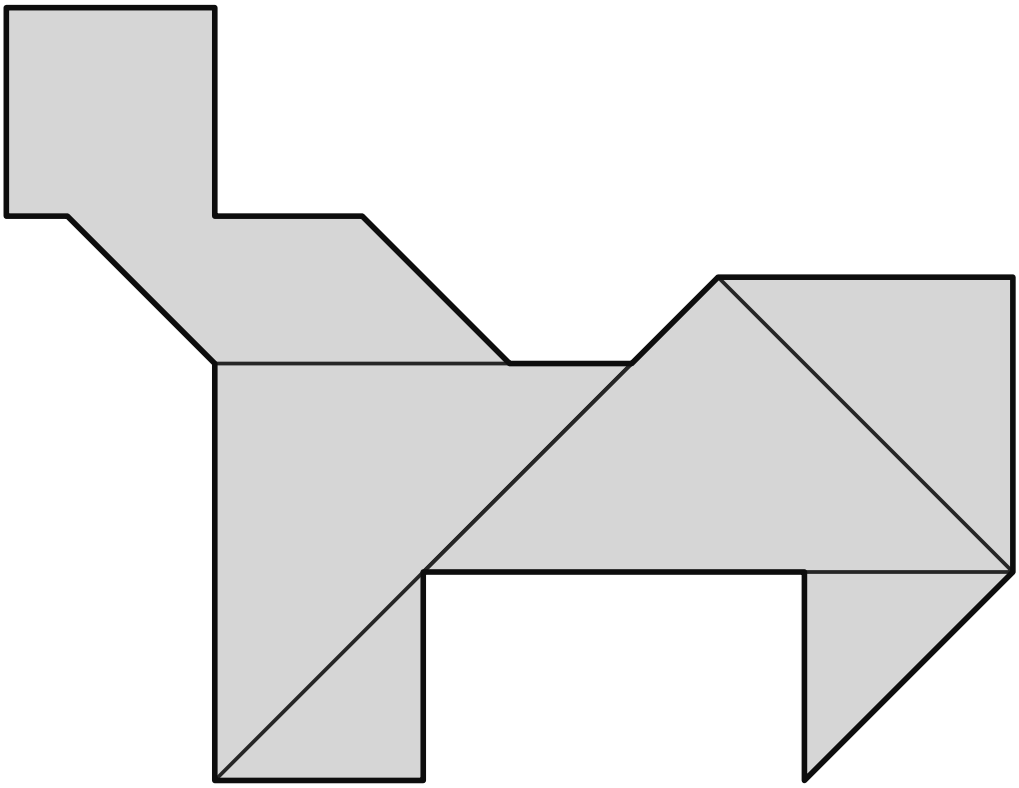
EASY



## 12 Letter P

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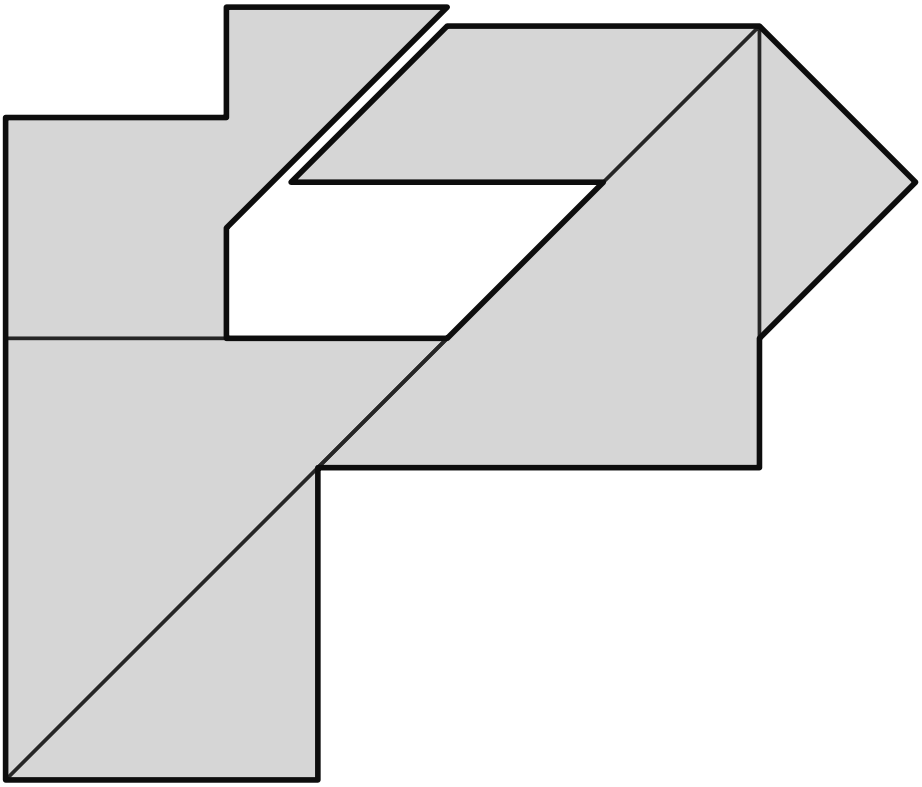
EASY





Sample pages

## 13 Dinosaur

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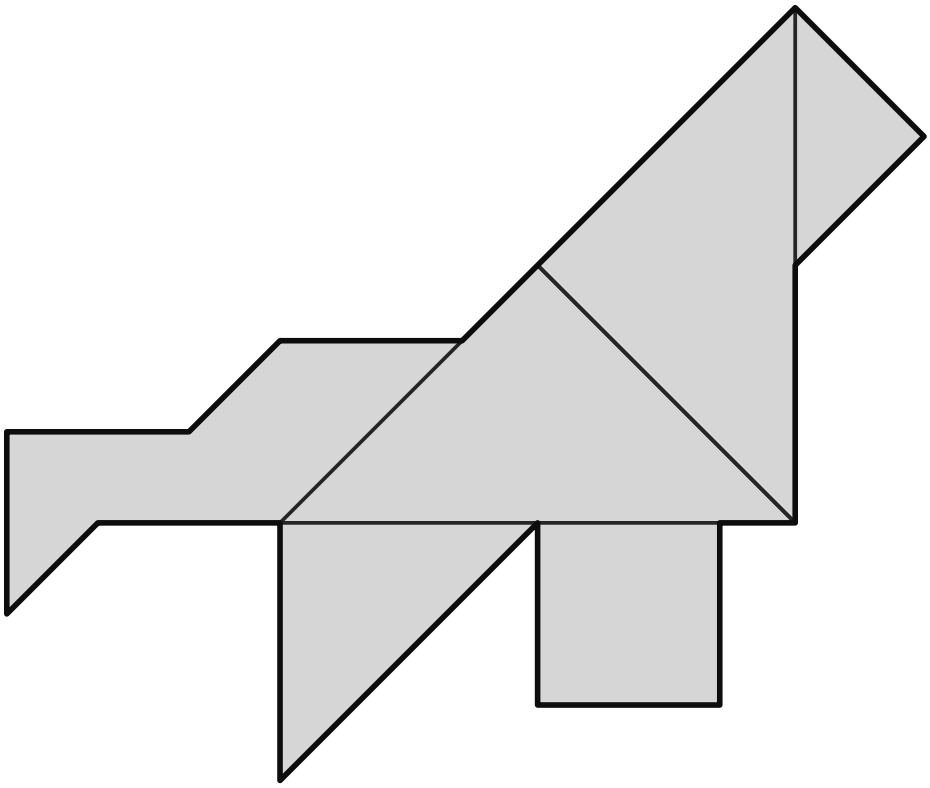
EASY



## 14 Number 7

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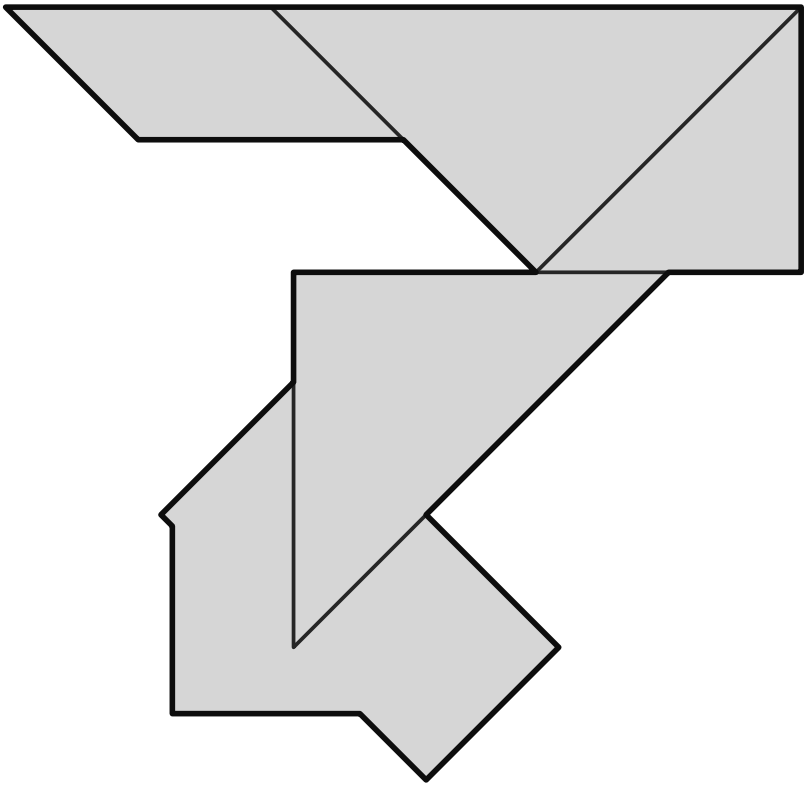
EASY





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