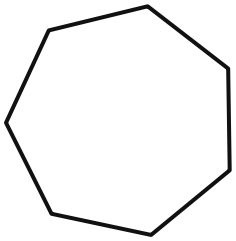
Count the Sides: 3 to 8 Sides

Set A. Count the sides and corners. Write the name from the word bank.

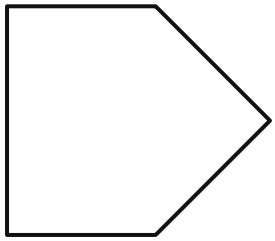
word bank: triangle quadrilateral pentagon hexagon heptagon octagon



sides ☐

corners ☐

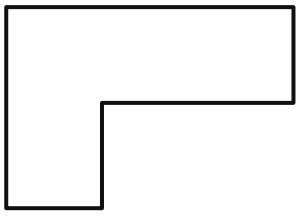
name _____



sides ☐

corners ☐

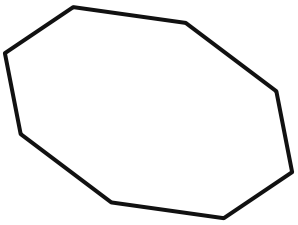
name _____



sides ☐

corners ☐

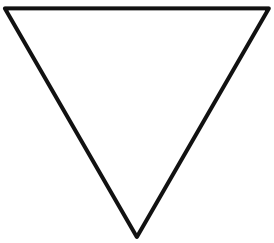
name _____



sides ☐

corners ☐

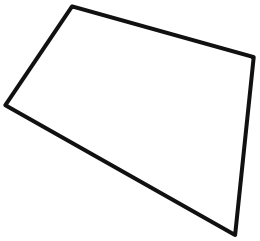
name _____



sides ☐

corners ☐

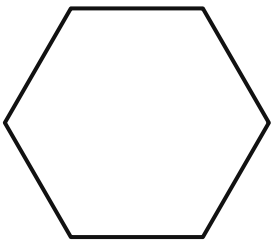
name _____



sides ☐

corners ☐

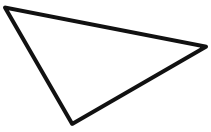
name _____



sides ☐

corners ☐

name _____



sides ☐

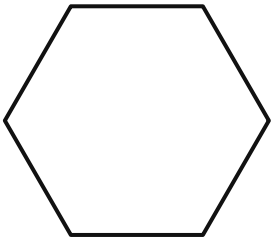
corners ☐

name _____

Count the Sides: 3 to 8 Sides

Set B. Count the sides and corners. Write the name from the word bank.

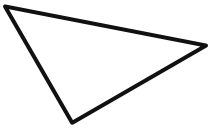
word bank: triangle quadrilateral pentagon hexagon heptagon octagon



sides ☐

corners ☐

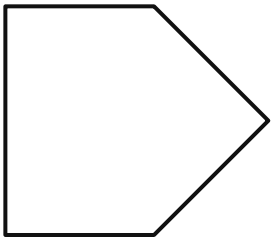
name _____



sides ☐

corners ☐

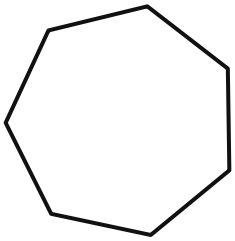
name _____



sides ☐

corners ☐

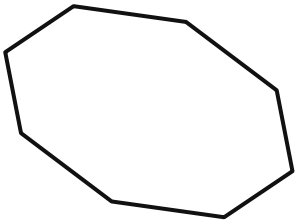
name _____



sides ☐

corners ☐

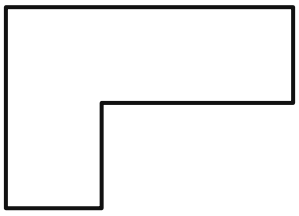
name _____



sides ☐

corners ☐

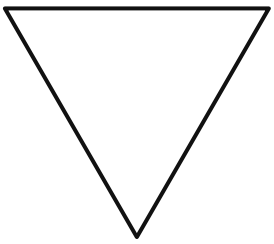
name _____



sides ☐

corners ☐

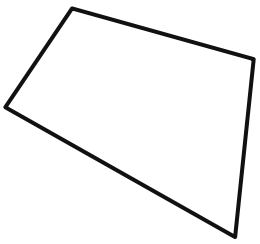
name _____



sides ☐

corners ☐

name _____



sides ☐

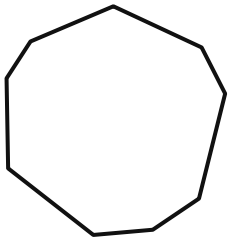
corners ☐

name _____

Count the Sides: 7 to 12 Sides

Set A. Count the sides and corners. Write the name from the word bank.

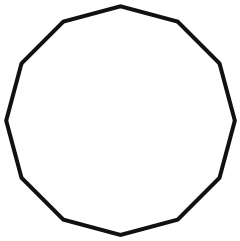
word bank: heptagon octagon nonagon decagon hendecagon dodecagon



sides ☐

corners ☐

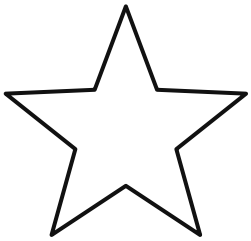
name _____



sides ☐

corners ☐

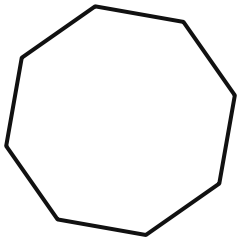
name _____



sides ☐

corners ☐

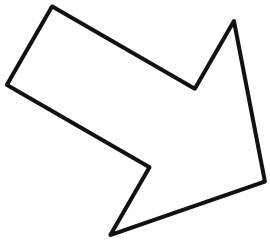
name _____



sides ☐

corners ☐

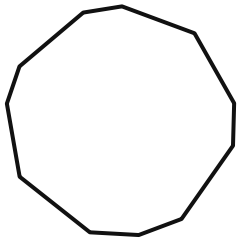
name _____



sides ☐

corners ☐

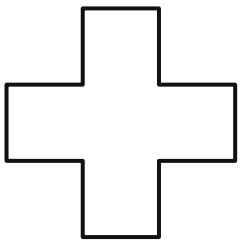
name _____



sides ☐

corners ☐

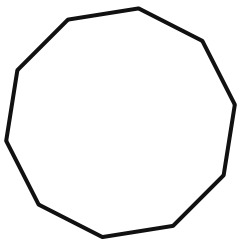
name _____



sides ☐

corners ☐

name _____



sides ☐

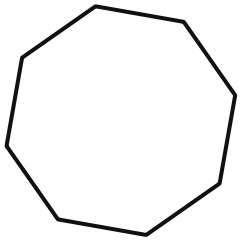
corners ☐

name _____

Count the Sides: 7 to 12 Sides

Set B. Count the sides and corners. Write the name from the word bank.

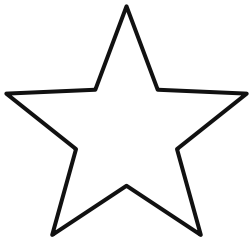
word bank: heptagon octagon nonagon decagon hendecagon dodecagon



sides ☐

corners ☐

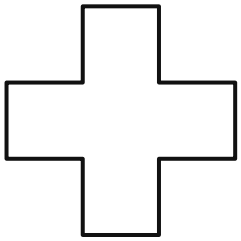
name _____



sides ☐

corners ☐

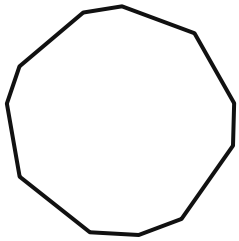
name _____



sides ☐

corners ☐

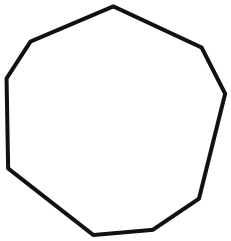
name _____



sides ☐

corners ☐

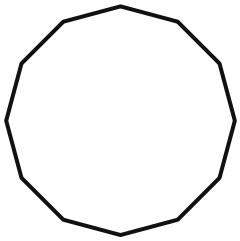
name _____



sides ☐

corners ☐

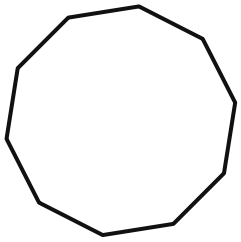
name _____



sides ☐

corners ☐

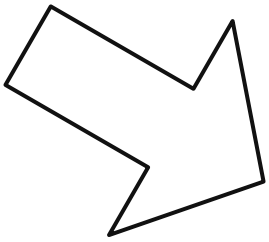
name _____



sides ☐

corners ☐

name _____



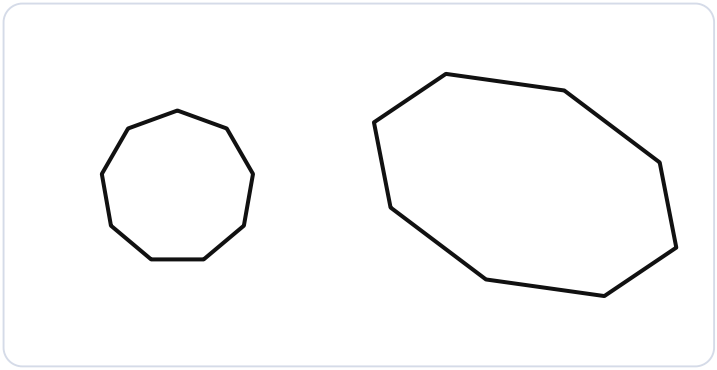
sides ☐

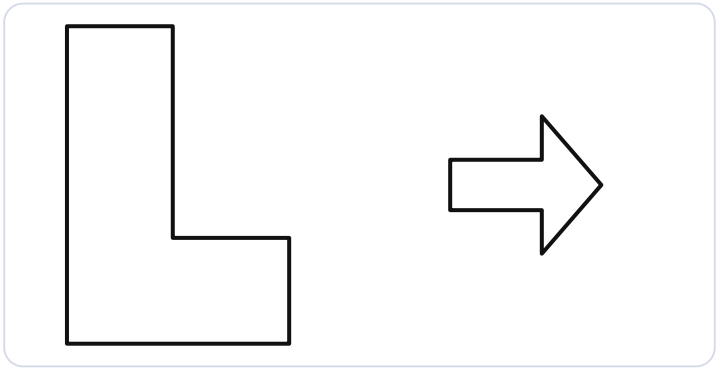
corners ☐

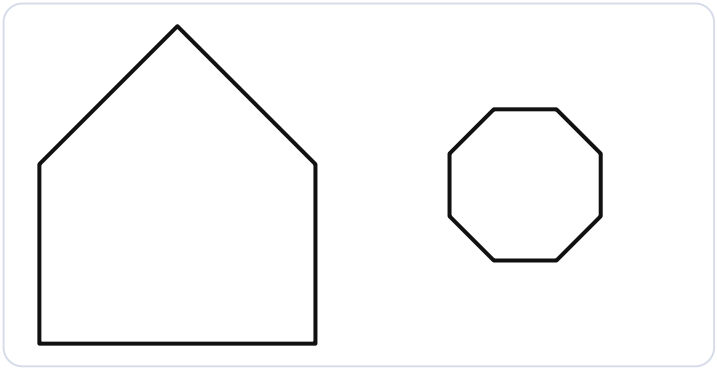
name _____

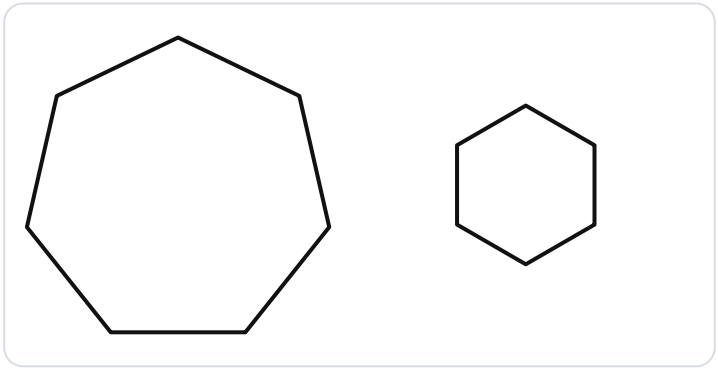
Count the Sides: Which Has More Sides?

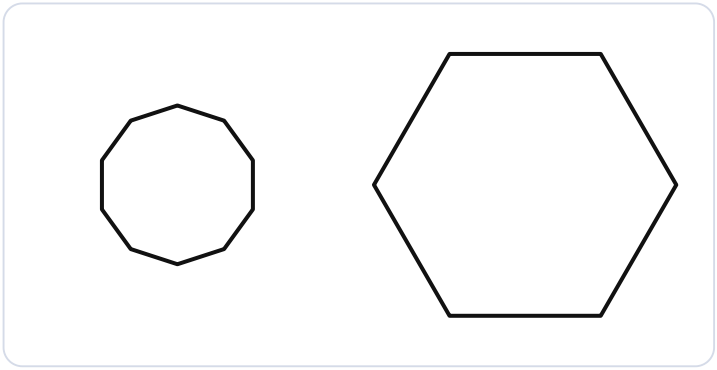
Set A. Count both shapes. Circle the one with more sides.

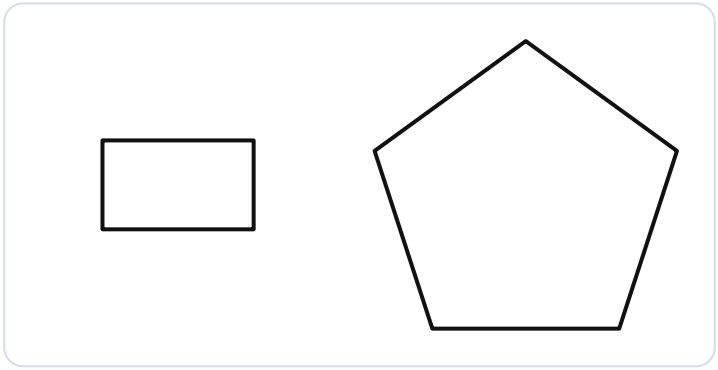


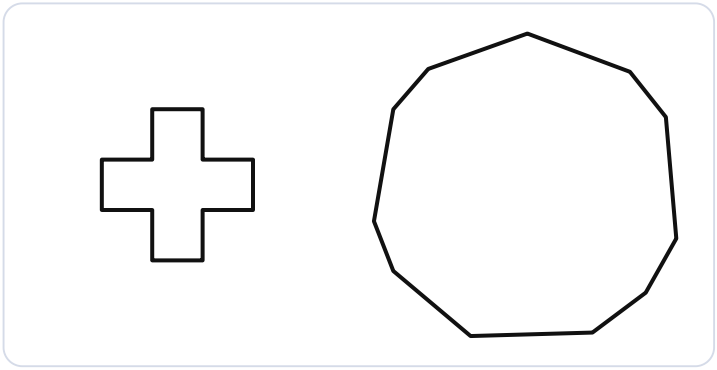


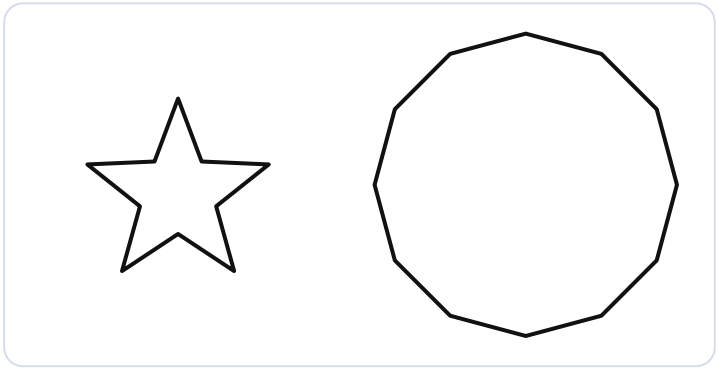






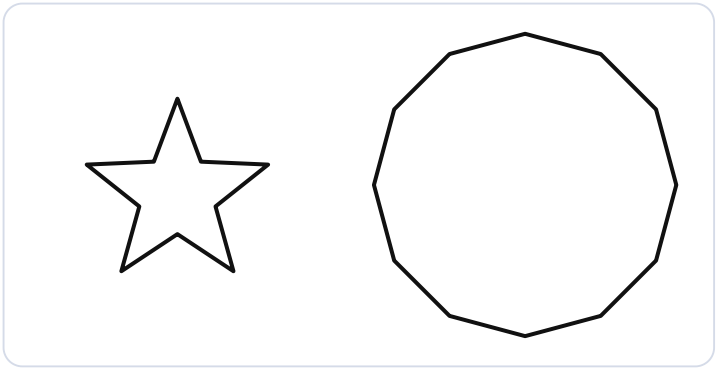


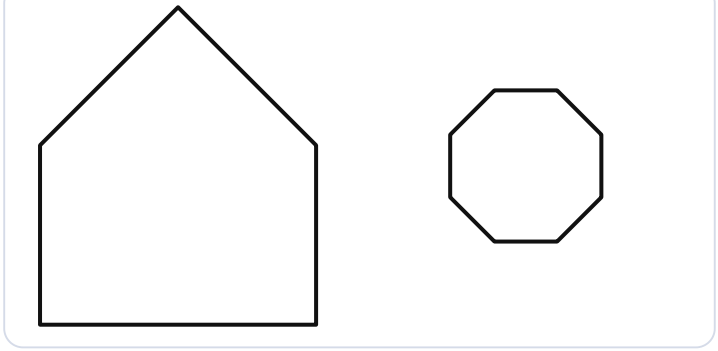


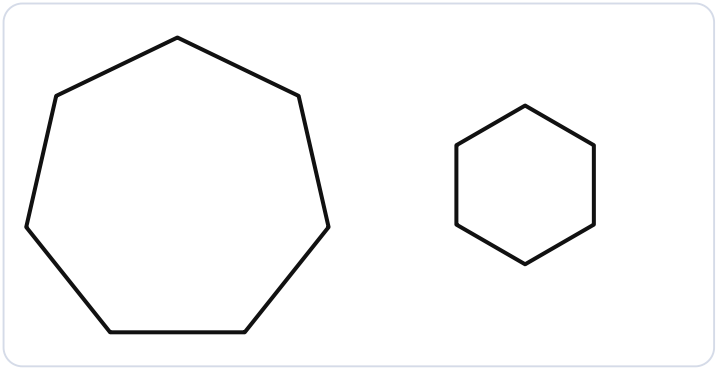


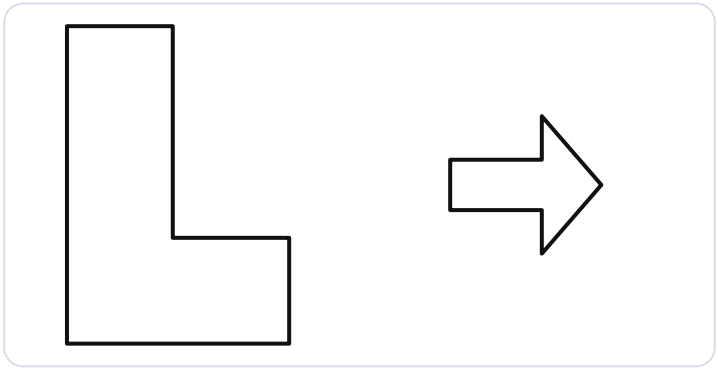
Count the Sides: Which Has More Sides?

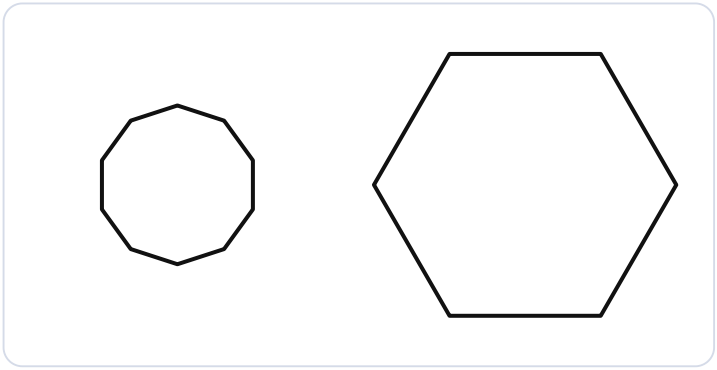
Set B. Count both shapes. Circle the one with more sides.

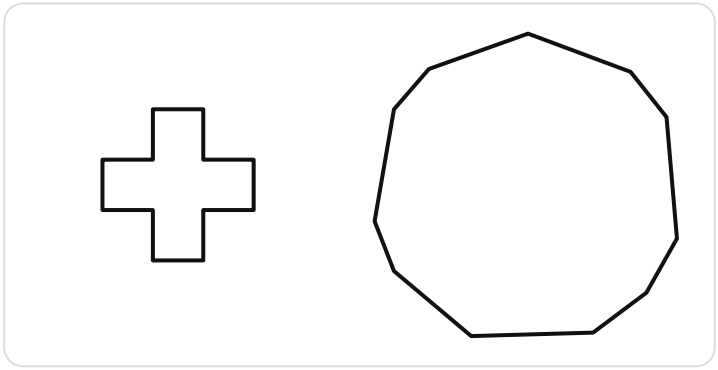


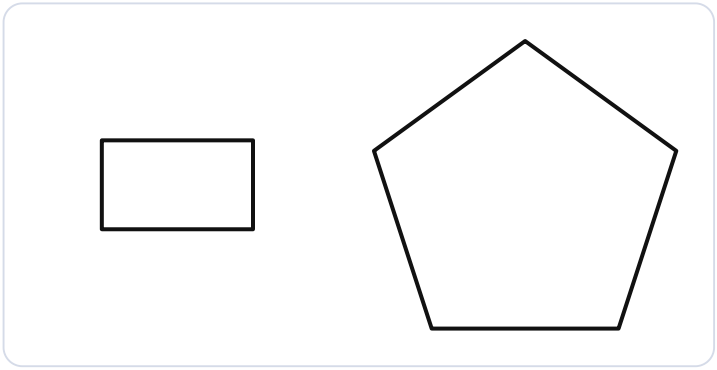


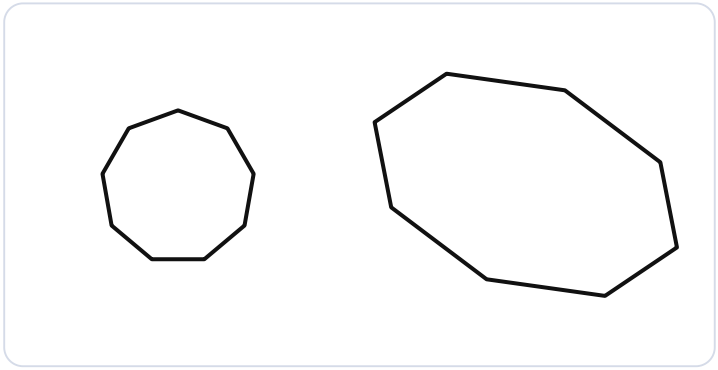












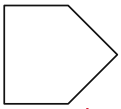
Count the Sides: Answer Key, Pages 1 to 4

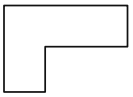
For the grown-up. Each count in its box and each name on its line, in red.

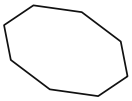
Page 1: 3 to 8 sides, set A

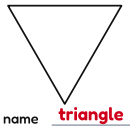
word bank: triangle quadrilateral pentagon hexagon heptagon octagon


sides 7
corners 7
name heptagon


sides 5
corners 5
name pentagon


sides 6
corners 6
name hexagon


sides 8
corners 8
name octagon


sides 3
corners 3
name triangle


sides 4
corners 4
name quadrilateral


sides 6
corners 6
name hexagon


sides 3
corners 3
name triangle

Page 2: 3 to 8 sides, set B

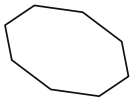
word bank: triangle quadrilateral pentagon hexagon heptagon octagon

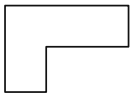

sides 6
corners 6
name hexagon

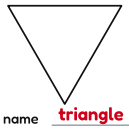

sides 3
corners 3
name triangle


sides 5
corners 5
name pentagon


sides 7
corners 7
name heptagon


sides 8
corners 8
name octagon

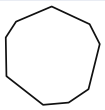

sides 6
corners 6
name hexagon

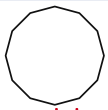

sides 3
corners 3
name triangle


sides 4
corners 4
name quadrilateral

Page 3: 7 to 12 sides, set A

word bank: heptagon octagon nonagon decagon hendecagon dodecagon


sides 9
corners 9
name nonagon


sides 12
corners 12
name dodecagon


sides 10
corners 10
name decagon


sides 8
corners 8
name octagon


sides 7
corners 7
name heptagon

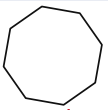

sides 11
corners 11
name hendecagon


sides 12
corners 12
name dodecagon


sides 10
corners 10
name decagon

Page 4: 7 to 12 sides, set B

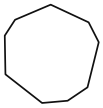
word bank: heptagon octagon nonagon decagon hendecagon dodecagon


sides 8
corners 8
name octagon


sides 10
corners 10
name decagon


sides 12
corners 12
name dodecagon


sides 11
corners 11
name hendecagon


sides 9
corners 9
name nonagon


sides 12
corners 12
name dodecagon

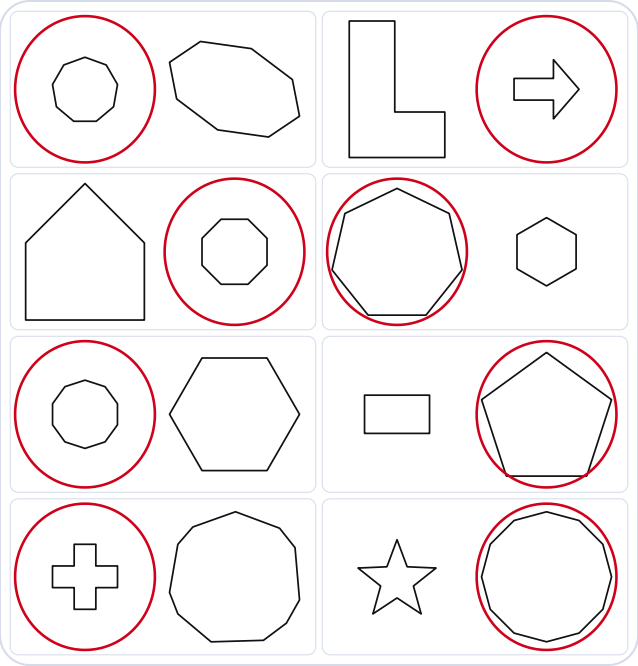

sides 10
corners 10
name decagon


sides 7
corners 7
name heptagon

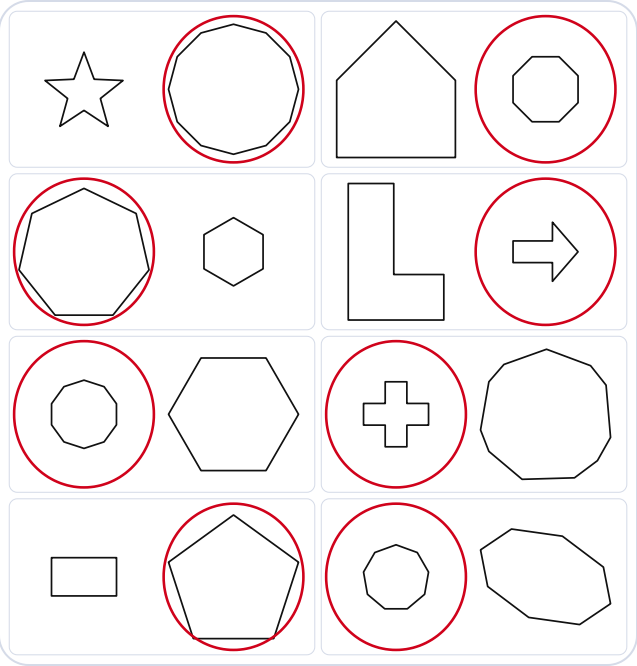
Count the Sides: Answer Key, Pages 5 to 6

For the grown-up. The shape with more sides is ringed in red.

Page 5: which has more sides?, set A



Page 6: which has more sides?, set B



For Grown-Ups: How to Use These Worksheets

One activity at a time. Each prints twice, the same shapes in a new order. For second grade, and first and third.

Why use it

Second graders name shapes by counting their sides and corners (Common Core 2.G.A.1), and Texas goes up to 12 sides (TEKS 2.8(C)). The shapes here are regular and irregular, some turned, because a hexagon does not have to look like a honeycomb. The pairs are drawn at mismatched sizes, because a bigger shape does not have more sides.

What it is good for

- Counting sides and corners without missing one or counting one twice.
- Naming shapes from the triangle to the dodecagon.
- Comparing shapes by their sides, not their size.

How to use it

1. Mark one corner with a pencil dot and count the sides round to it.
2. Count the corners the same way: the number always matches the sides.
3. Find the name in the word bank by its number.
4. On the pairs, count both shapes before circling one.
5. Check with the answer key, where the answers are in red.

> **Try saying:** “That one is smaller. Count first: does it have more sides?”

Tip: Septagon, enneagon, and undecagon are right too: they are other names for the heptagon, nonagon, and hendecagon.