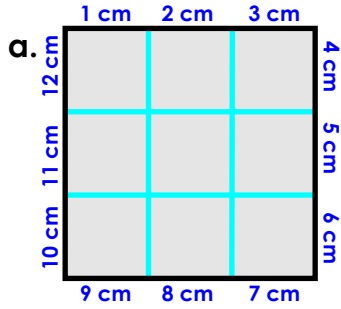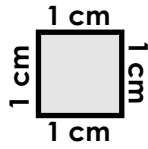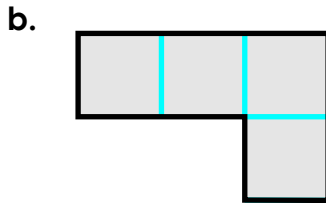Name: _____

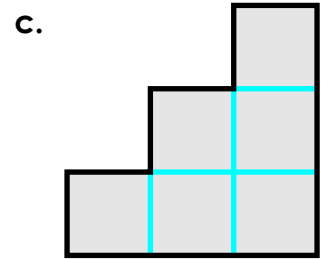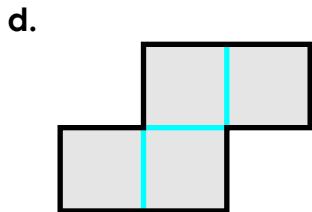# Perimeter of a Shape

Find the perimeter of each shape.
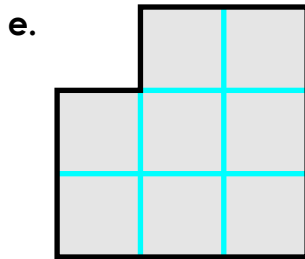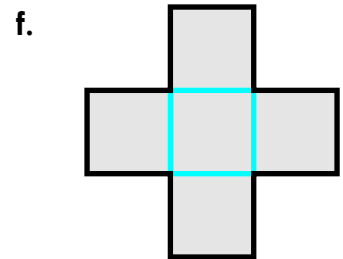
1 cm
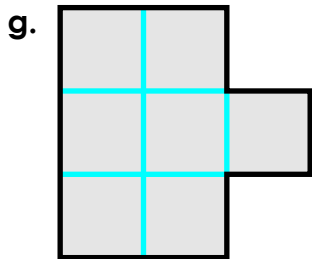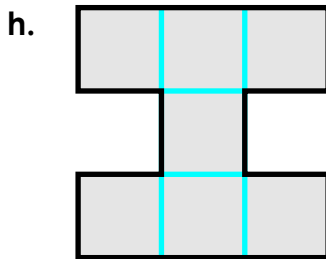**1 cm** ☐ **1 cm**
1 cm

a.
1 cm 2 cm 3 cm
12 cm   4 cm
11 cm   5 cm
10 cm   6 cm
9 cm 8 cm 7 cm

12 cm

b.

_____

c.

_____

d.

_____

e.

_____

f.

_____

g.

_____

h.

_____

i.

_____

Name: _____

Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side. Be sure to include the units in your answer.

a.

4 cm
6 cm
5 cm

_____

b.

9 ft   9 ft
9 ft   9 ft

_____

c.

5 in.
7 in.   7 in.
8 in.   8 in.

_____

d.

12 mm
10 mm
10 mm
12 mm

_____

e.

4 km
2 km
3 km
4 km

_____

f.

6 ft   3 ft
4 ft   4 ft
8 ft

_____

g.

7 cm
15 cm
10 cm

_____

h.

11 in.
9 in.   9 in.
11 in.

_____

i.

2m
2m   2m
2m   2m
2m

_____
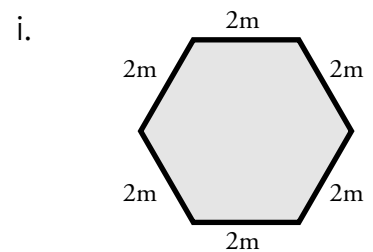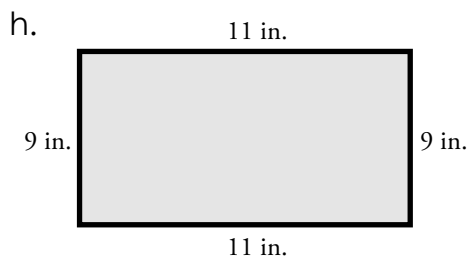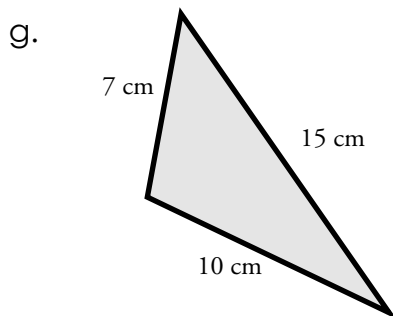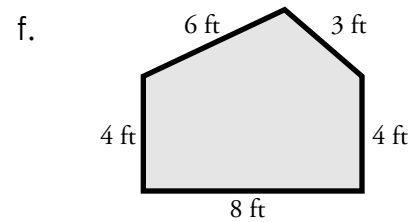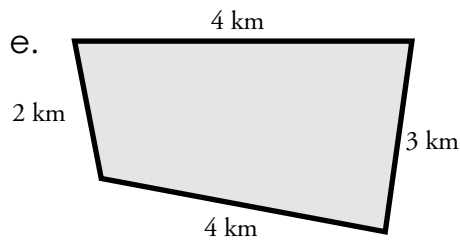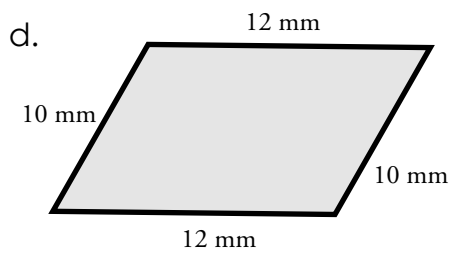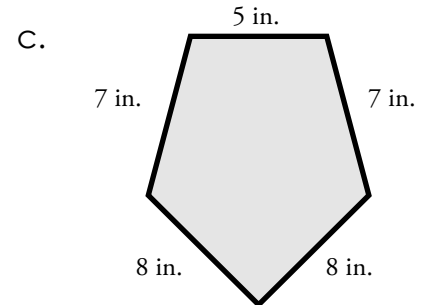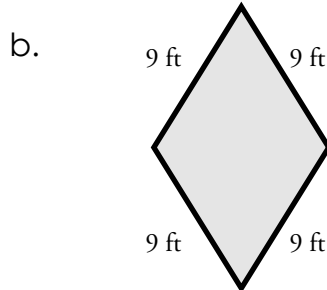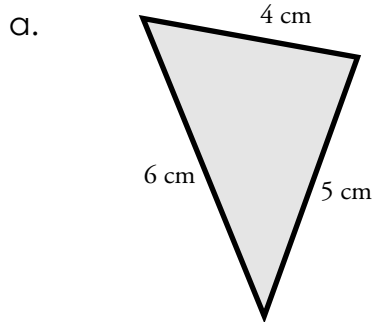
Perimeter Scoot

Objective: This game will give students an opportunity to review basic perimeter facts.

Materials: Grid Worksheet (one per student)
Scoot Question Cards (one per desk)

Preparation: Place a Scoot Question Card on each desk. Attach them to the desk with tape.

How to Play: Students will move from desk to desk around the classroom. At each desk, students will read the math fact card and write the answer on the grid worksheet. When the teacher says "SCOOT," they move to the next desk. Students visit each desk in the classroom and answer all of the question cards.

example: *A student is at desk 4.*
He reads a Scoot question card that shows
a 12cm by 8cm by 5cm triangle.
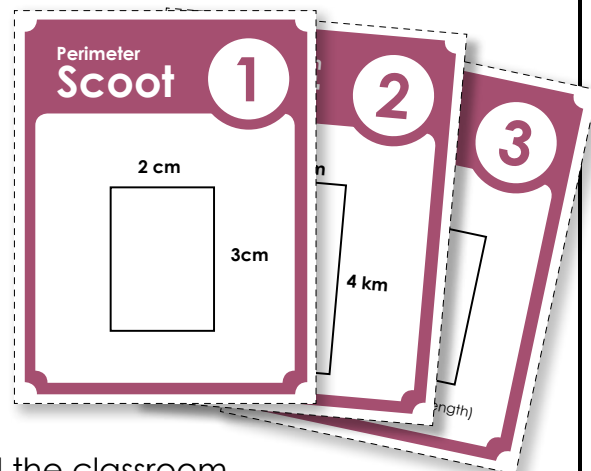*He writes 12cm + 8cm + 5cm = 25cm" on his grid worksheet.*
When the teacher says "SCOOT," he moves to desk number 5.

At the end of the game, collect all of the question cards and review the answers with the class.

Management Suggestions:

Practice moving from desk to desk before playing the actual game. Have them "Scoot" four or five times before you begin the actual game.

Some teachers like to spread out the desks a bit so students do not look at the cards to the right or left of them before they arrive at the desks.

Watch your timing. If you tell the students to scoot too soon, they may not be able to finish writing answers to their question cards. If you wait too long before telling students to scoot, they may get bored and restless.
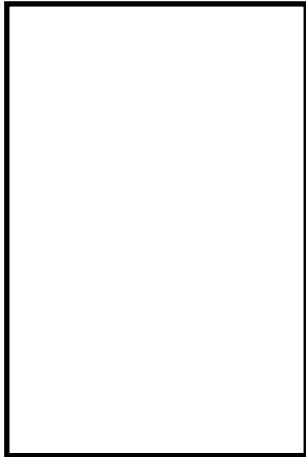
Use only as many question cards as you need. This version of the game has 30 cards. However, if you have only 18 desks in your classroom, only use 18 cards and 18 squares on the grid.
(This file has 20, 25, and 30 square grids. Use whichever one best meets your needs.)
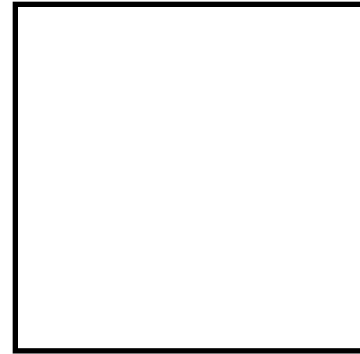
Perimeter Scoot 1

2 km

3 km

Perimeter Scoot 2

4 km

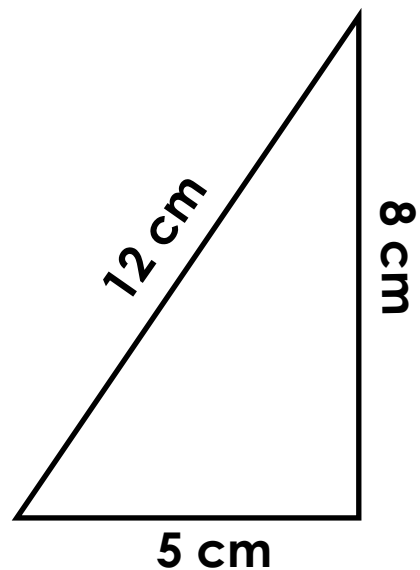(All sides are the same length)
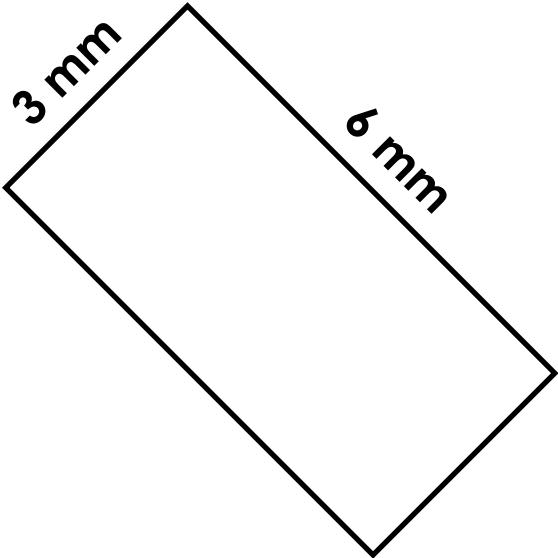
Perimeter Scoot 3

5 cm

4 cm

Perimeter Scoot 4

12 cm

8 cm

5 cm

Perimeter Scoot 5

3 mm

6 mm

Perimeter Scoot 6

7 m

5 m

Perimeter Scoot 7

3 cm
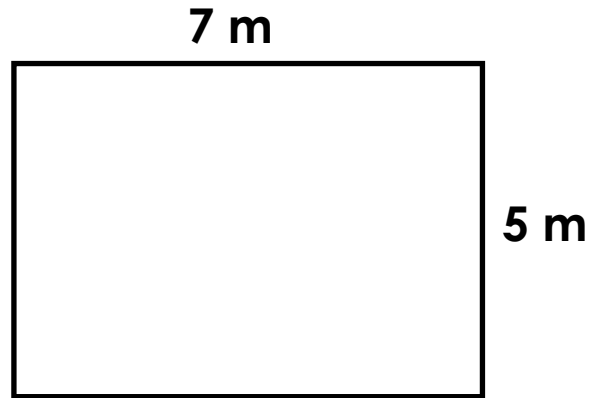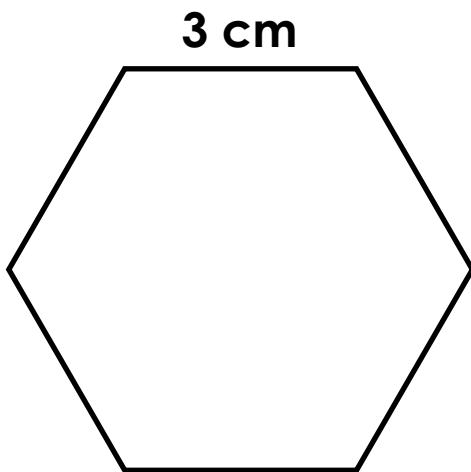
(All sides are the same length)

Perimeter Scoot 8
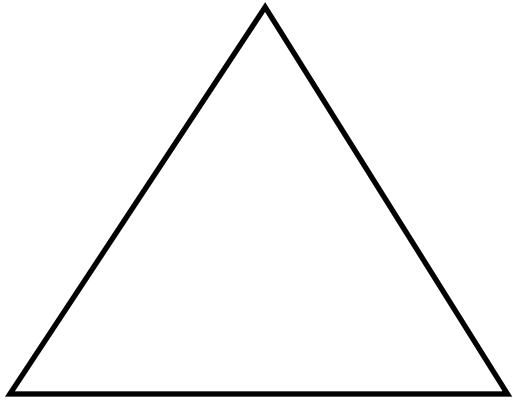
3 m

4 m

Perimeter Scoot 9

9 km
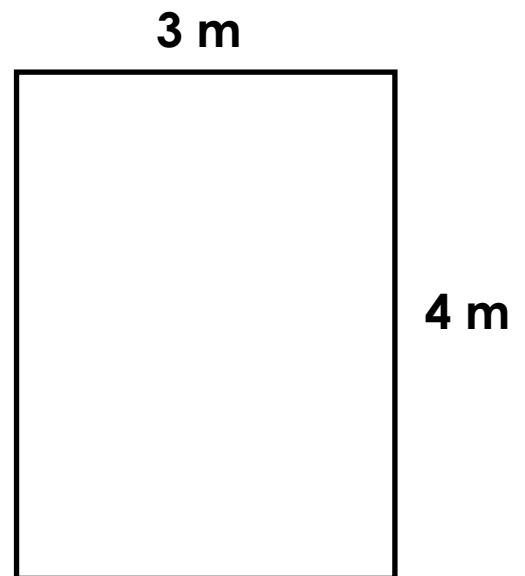
(All sides are the same length)

Perimeter Scoot 10

9 m

(All sides are the same length)

Perimeter Scoot 11

6 m

4 m

Perimeter Scoot 12

2 cm

8 cm

Perimeter Scoot — 13
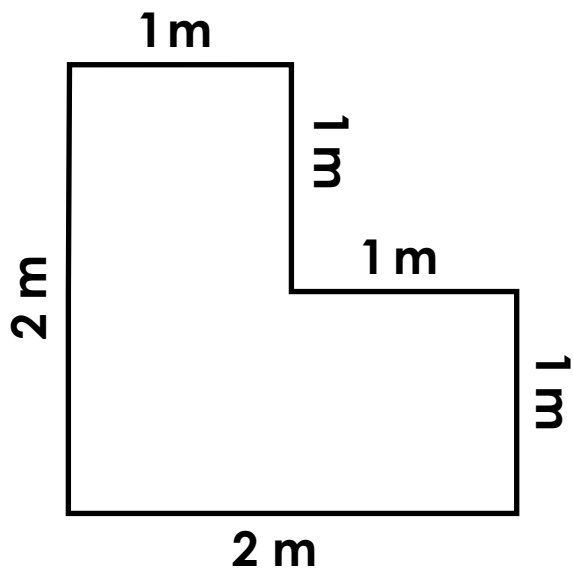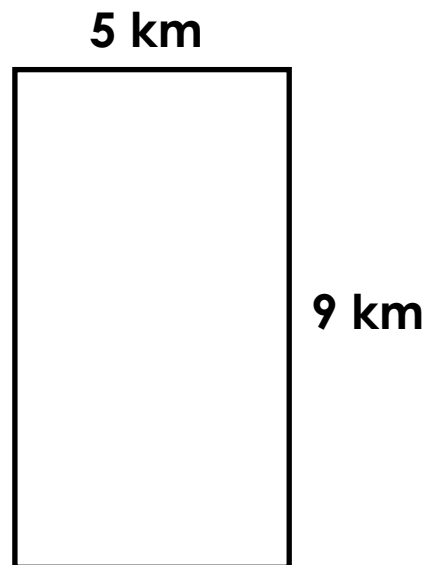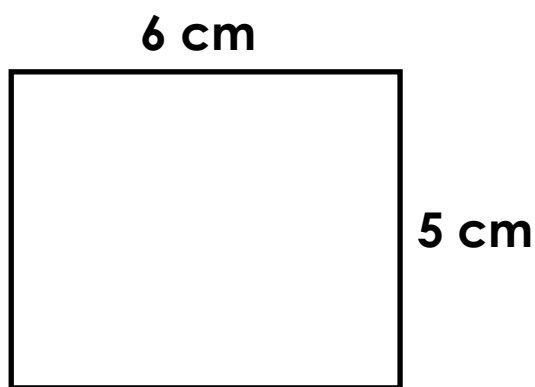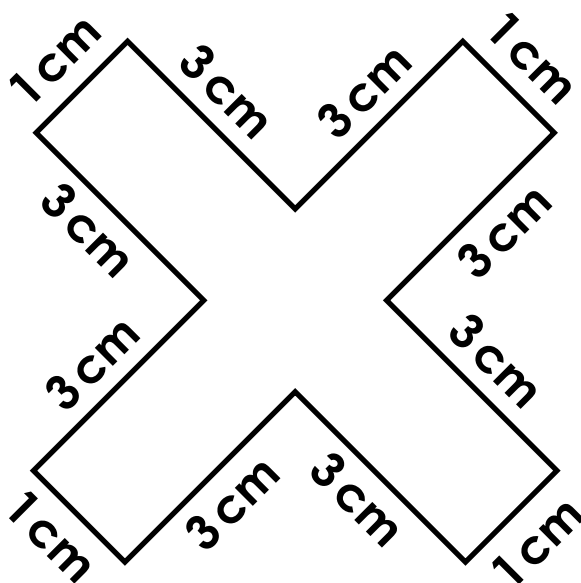
1 m

1 m

2 m

1 m

2 m

1 m

Perimeter Scoot — 14

5 km

9 km

Perimeter Scoot — 15

6 cm

5 cm

Perimeter Scoot — 16

1 cm

3 cm

3 cm

1 cm

3 cm

3 cm

3 cm

3 cm

1 cm

3 cm

3 cm

1 cm

Perimeter Scoot 17

3 km

(All sides are the same length)

Perimeter Scoot 18

4 cm

8 cm

Perimeter Scoot 19

5 m

5 m

3 m

3 m

1 m **1 m**

Perimeter Scoot 20

3 m

10 m

Perimeter Scoot 21

3 km
5 km
3 km

Perimeter Scoot 22

7 m
1 m
6 m
6 m
7 m
1 m

Perimeter Scoot 23

10 km
9 km

Perimeter Scoot 24

9 cm
4 cm
9 cm
6 cm
4 cm
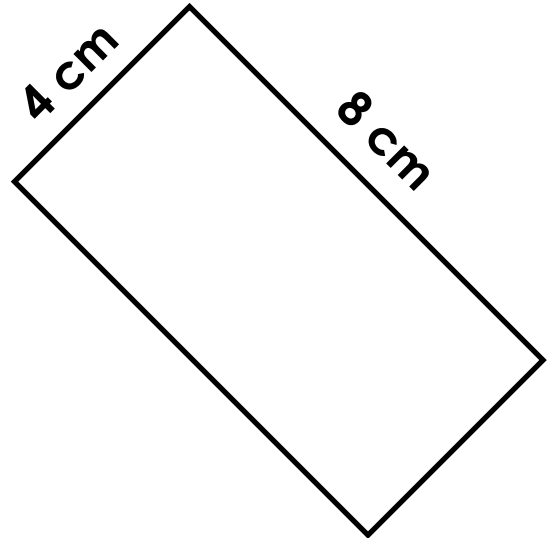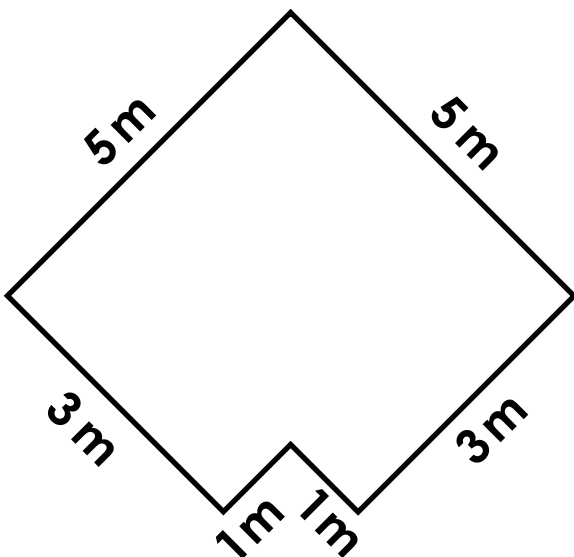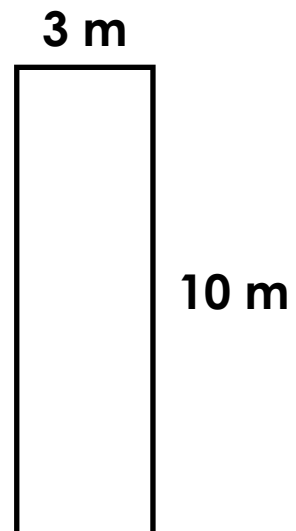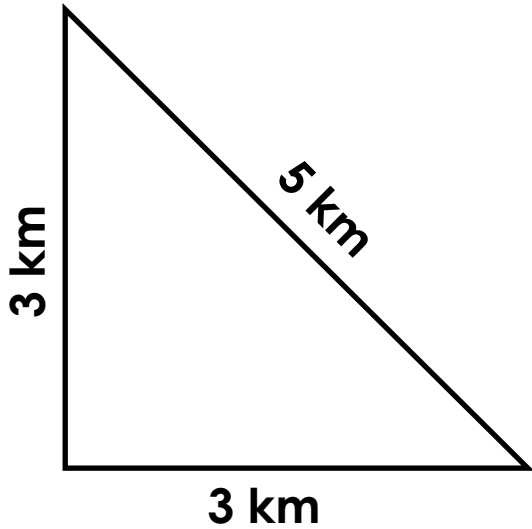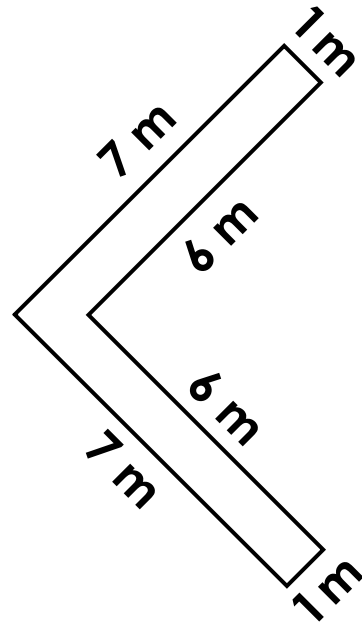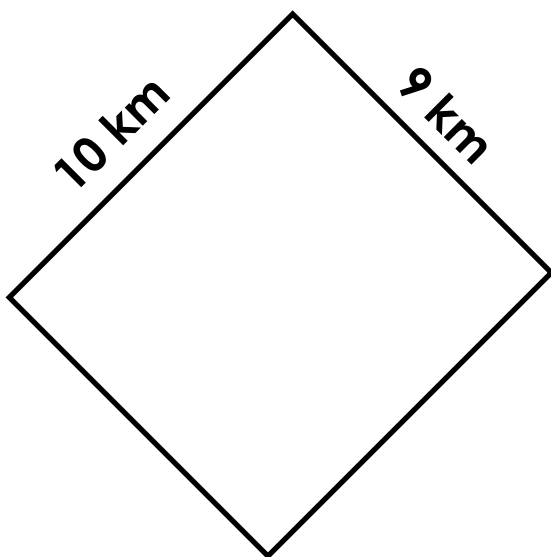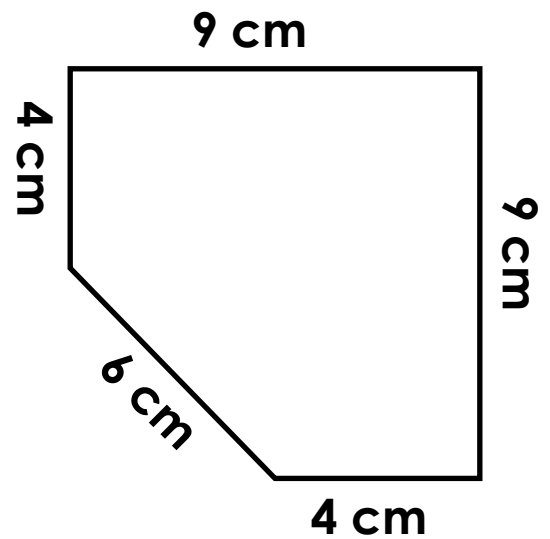
Perimeter Scoot 25

1 mm

10 mm

4 mm

5 mm

5 mm
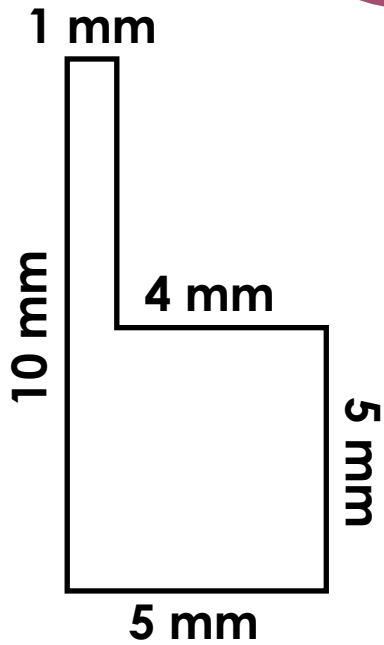
Perimeter Scoot 26

6 cm

9 cm

10 cm
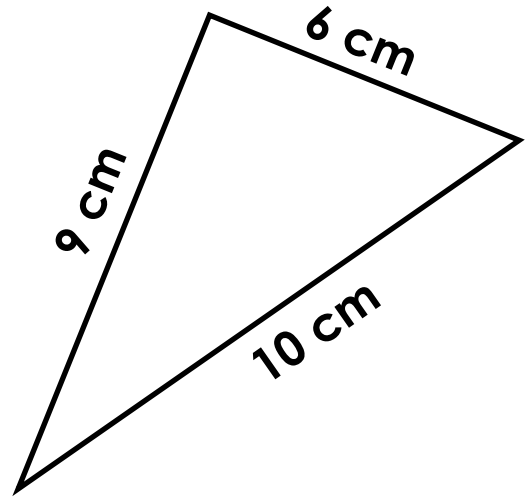
Perimeter Scoot 27

2 km

5 km

Perimeter Scoot 28

7 km

(All sides are the same length)

3 cm

4 cm

6 cm

3 cm

6 cm

2 cm

(All sides are the same length)

Name: _____

Perimeter Scoot

①	②	③	④	⑤
⑥	⑦	⑧	⑨	⑩
⑪	⑫	⑬	⑭	⑮
⑯	⑰	⑱	⑲	⑳

Name: _____

①	②	③	④	⑤
⑥	⑦	⑧	⑨	⑩
⑪	⑫	⑬	⑭	⑮
⑯	⑰	⑱	⑲	⑳
㉑	㉒	㉓	㉔	㉕

Name: _____

Perimeter Scoot

①	②	③	④	⑤
⑥	⑦	⑧	⑨	⑩
⑪	⑫	⑬	⑭	⑮
⑯	⑰	⑱	⑲	⑳
㉑	㉒	㉓	㉔	㉕
㉖	㉗	㉘	㉙	㉚

Name: _____

Perimeter of a Polygon

Find the perimeter of each shape by adding the lengths of each side.

a.
7 cm   5 cm
6 cm

_____

b.
3 m
3 m   3 m
3 m   3 m
3 m

_____

c.
14 in.
8 in.   8 in.
14 in.

_____

d.
9 ft   6 ft
8 ft   8 ft
12 ft

_____

e.
25 km
12 km
18 km
20 km

_____

f.
19 mm   23 mm
25 mm   19 mm
23 mm

_____

g.
8 cm   7 cm
7 cm
4 cm
8 cm
5 cm
3 cm
7 cm   3 cm
8 cm

_____

h.
12 in.
21 in.
20 in.   12 in.
12 in.
14 in.
12 in.
10 in.

_____

i.
95 ft
65 ft   65 ft
45 ft   45 ft
75 ft   75 ft

_____
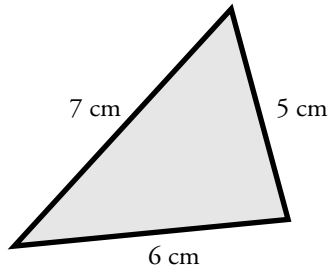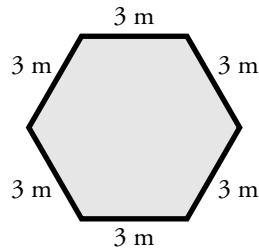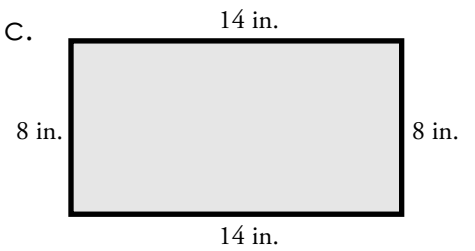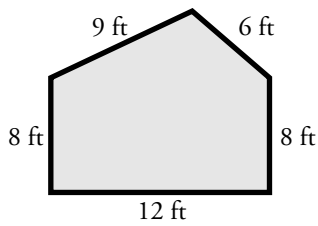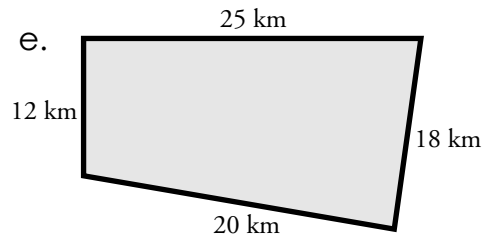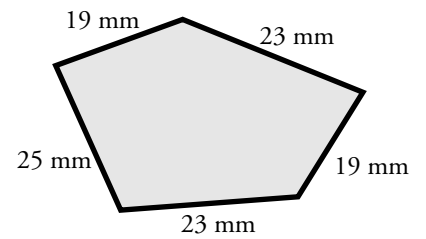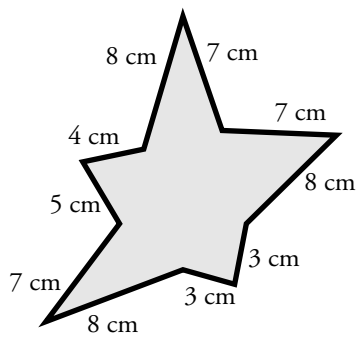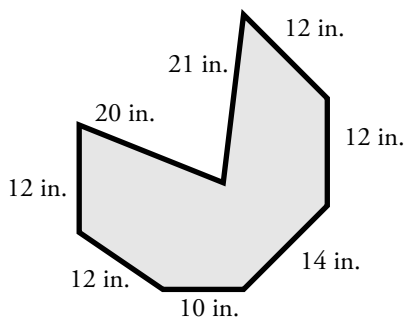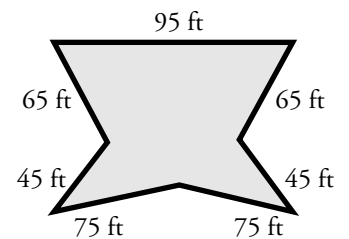
Challenge: Draw a square with a perimeter of 180 yards.
Label the lengths of each side.

Name: _____

Perimeter of a Shape

Find the perimeter of each shape.

1 cm square with sides labeled **1 cm**, **1 cm**, **1 cm**, **1 cm**

a. Shape with top edges labeled 1 cm, 2 cm, 3 cm; right edges labeled 4 cm, 5 cm, 6 cm; bottom edges labeled 9 cm, 8 cm, 7 cm; left edges labeled 12 cm, 11 cm, 10 cm

12 cm

b. _____

c. _____

d. _____

e. _____

f. _____

g. _____

h. _____

i. _____
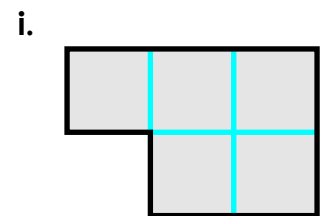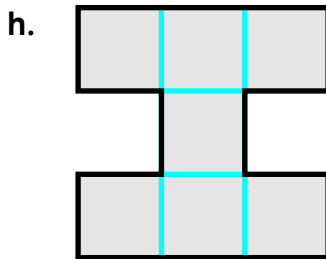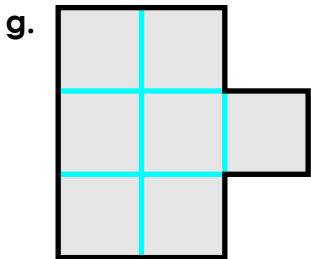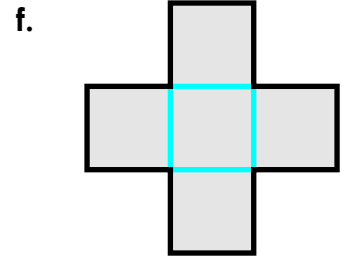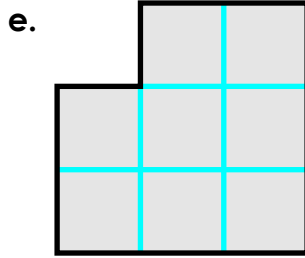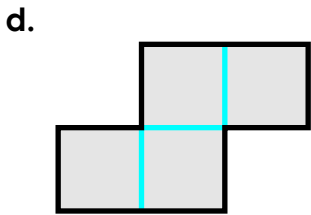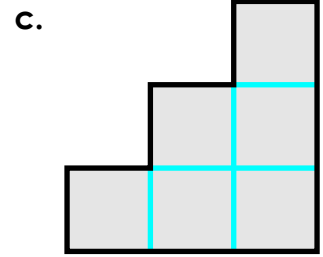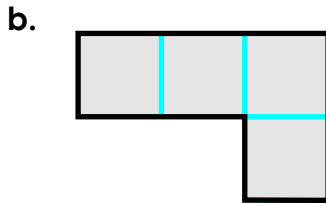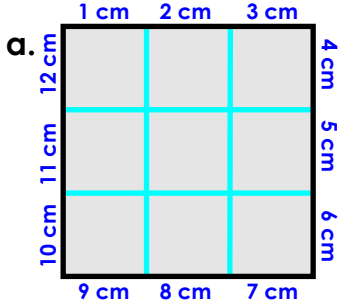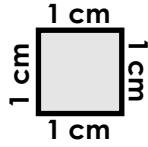
Name: _____

Farm Perimeter

Use a ruler to answer the questions below.
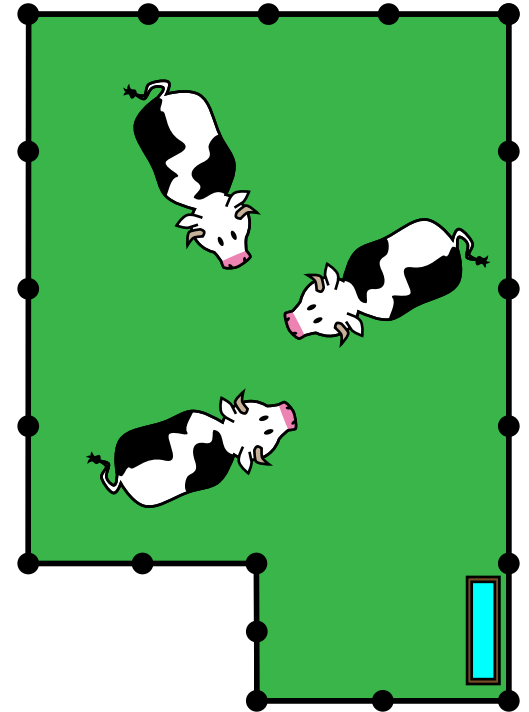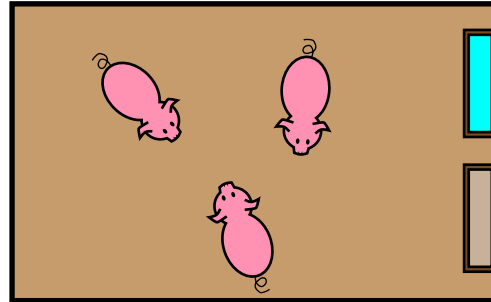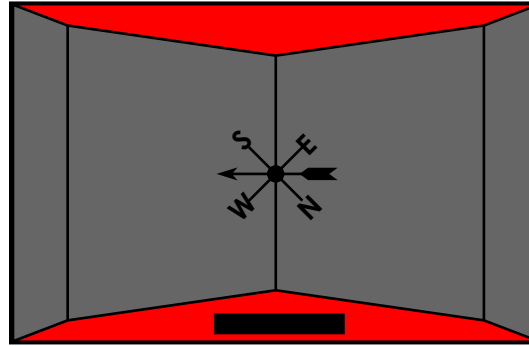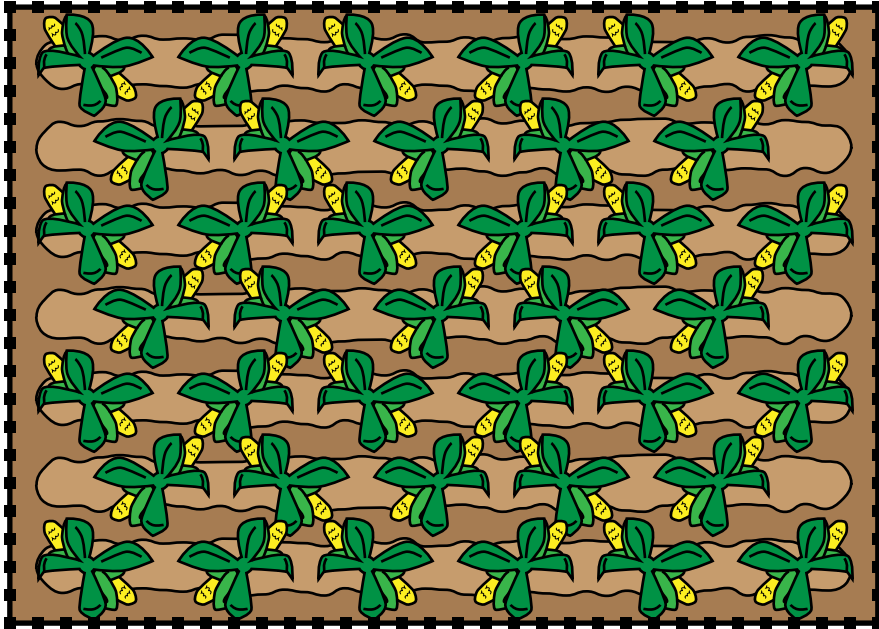
1. Measure the lengths of the sides of the corn field in centimeters. Label the lengths on the picture above.

What is the perimeter of the corn field? _____

2. Measure the lengths of the sides of the pigs' pen in centimeters. Label the lengths on the picture above.

What is the perimeter of the pigs' pen? _____

3. Measure the lengths of the sides of the cows' field in centimeters. Label the lengths on the picture above.

What is the perimeter of the cows' field? _____

I Have...Who Has...
Perimeter

How to play the game:

- Distribute the cards randomly to your students. Some students may get more than one card.

- Select a student to begin by reading their card aloud. (example: I have the first card. Who has a shape with a perimeter of 18cm?)

- The student who has the card with the correct answer to the previous student's "Who Has..." question reads their card aloud. (example: I have 18cm . Who has a shape with a perimeter of 24cm?)

- Students must listen for their turn and try not to break the chain.

- When the chain reaches the student with last card, the game is over.

Suggestions:

- Print out the "I Have, Who Has" flashcards on card stock and laminate them so they will last for many years to come.

- Practice the game once with your students so they understand how the game works, then see if they can "beat the timer." Set a timer for 2 minutes, 5 minutes, or any amount of time you choose. Challenge your students to finish the game before the timer goes off.

Answer Chain:

A: I have the first card.
Who has a shape with a perimeter of 18cm?

B: I have 18cm (shape).
Who has a shape with a perimeter of 24cm?

C: I have 24cm (shape).
Who has a shape with a perimeter of 32cm?

D: I have 32cm (shape).
Who has a shape with a perimeter of 36cm?

E: I have 36cm (shape).
Who has a shape with a perimeter of 50cm?

F: I have 50cm (shape).
Who has a shape with a perimeter of 28cm?

G: I have 28cm (shape).
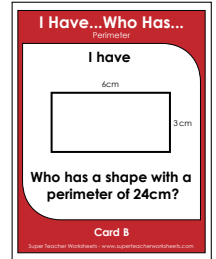Who has a shape with a perimeter of 100cm?

H: I have 100cm (shape).
Who has a shape with a perimeter of 56cm?

I: I have 56cm (shape).
Who has a shape with a perimeter of 30cm?

J: I have 30cm (shape).
Who has a shape with a perimeter of 8cm?

K I have 8cm (shape).
Who has a shape with a perimeter of 44cm?

L: I have 44cm (shape).
Who has a shape with a perimeter of 12cm?

M: I have 12cm (shape).
Who has a shape with a perimeter of 68cm?

N: I have 68cm (shape).
Who has a shape with a perimeter of 92cm?

O: I have 92cm (shape).
Who has a shape with a perimeter of 80cm?

P: I have 80cm (shape).
Who has a shape with a perimeter of 110cm?

Q: I have 110cm (shape).
Who has a shape with a perimeter of 62cm?

R: I have 62cm (shape).
Who has a shape with a perimeter of 70cm?

S: I have 70cm (shape).
Who has a shape with a perimeter of 14cm?

T: I have 14cm (shape).
Who has a shape with a perimeter of 76cm?

U: I have 76cm (shape).
Who has a shape with a perimeter of 88cm?

V: I have 88cm (shape).
Who has a shape with a perimeter of 10cm?

W: I have 10cm (shape).
Who has a shape with a perimeter of 4cm?

X: I have 4cm (shape).
Who has a shape with a perimeter of 48cm?

Y: I have 48cm (shape).
Who has a shape with a perimeter of 54cm?

Z: I have 54cm (shape).
Who has a shape with a perimeter of 6cm?

AA: I have 6cm (shape).
Who has a shape with a perimeter of 120cm?

BB: I have 120cm (shape).
Who has a shape with a perimeter of 90cm?

CC: I have 90cm (shape).
Who has a shape with a perimeter of 60cm?

DD: I have 60cm (shape).
I have the last card.

I Have...Who Has...
Perimeter

I have
the first card.

Who has a shape with a perimeter of 18cm?

Card A

I Have...Who Has...
Perimeter

I have

6cm

3 cm

Who has a shape with a perimeter of 24cm?

Card B

I Have...Who Has...
Perimeter

I have

8 cm
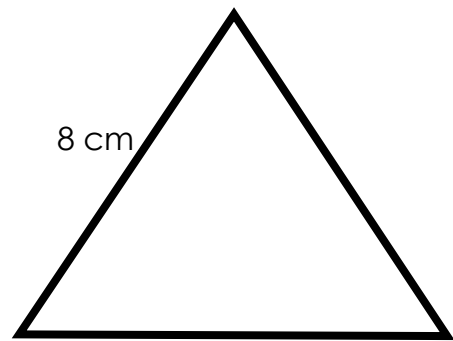
(All sides are the same length)

Who has a shape with a perimeter of 32cm?

Card C

I Have...Who Has...
Perimeter

I have

9 cm

7 cm

Who has a shape with a perimeter of 36cm?

Card D

I Have...Who Has...
Perimeter

I have

13 cm

5 cm

Who has a shape with a perimeter of 50cm?

Card E

I Have...Who Has...
Perimeter

I have

10 cm

15 cm
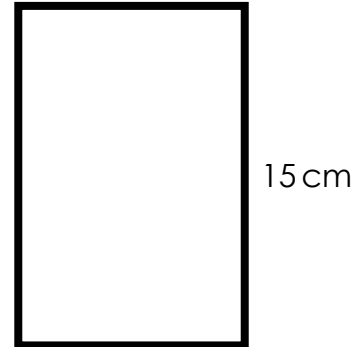
Who has a shape with a perimeter of 28cm?

Card F

I Have...Who Has...
Perimeter

I have

7 cm

(All sides are the same length)

Who has a shape with a perimeter of 100cm?

Card G

I Have...Who Has...
Perimeter

I have

30 cm

20 cm

Who has a shape with a perimeter of 56cm?

Card H

I Have...Who Has...
Perimeter

I have

20 cm

8 cm

Who has a shape with a perimeter of 30cm?

I Have...Who Has...
Perimeter

I have

10 cm

(All sides are the same length)

Who has a shape with a perimeter of 8cm?

I Have...Who Has...
Perimeter

I have

2 cm

(All sides are the same length)

Who has a shape with a perimeter of 44cm?

I Have...Who Has...
Perimeter

I have

20 cm

2 cm
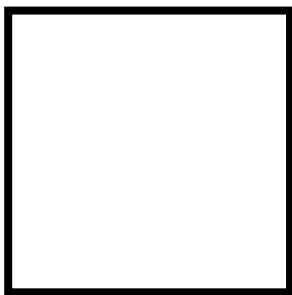
Who has a shape with a perimeter of 12cm?

I Have...Who Has...
Perimeter

I have

3 cm

(All sides are the same length)

Who has a shape with a perimeter of 68cm?

Card M

I Have...Who Has...
Perimeter

I have

22 cm

12 cm

Who has a shape with a perimeter of 92cm?

Card N

I Have...Who Has...
Perimeter

I have

25 cm

21 cm

Who has a shape with a perimeter of 80cm?

Card O
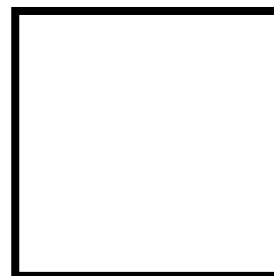
I Have...Who Has...
Perimeter

I have

20 cm

(All sides are the same length)
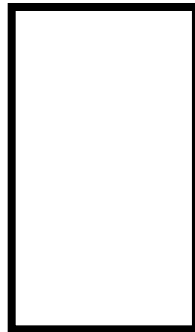
Who has a shape with a perimeter of 110cm?

Card P

I Have...Who Has...
Perimeter

I have

35 cm

20 cm

Who has a shape with a perimeter of 62cm?

Card Q

I Have...Who Has...
Perimeter

I have

20 cm

11cm

Who has a shape with a perimeter of 70cm?

Card R

I Have...Who Has...
Perimeter

I have

25 cm

10 cm

Who has a shape with a perimeter of of 14cm?

Card S

I Have...Who Has...
Perimeter

I have

5 cm

2 cm

Who has a shape with a perimeter of 76cm?

Card T

I Have...Who Has...
Perimeter

I have

26 cm

12 cm

Who has a shape with a perimeter of 88cm?

Card U

I Have...Who Has...
Perimeter

I have

22 cm
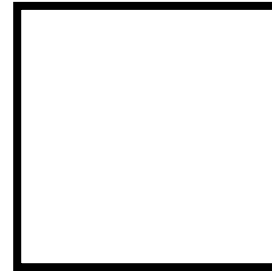
(All sides are the same length)

Who has a shape with a perimeter of 10cm?

Card V

I Have...Who Has...
Perimeter

I have

4 cm

1 cm

Who has a shape with a perimeter of 4cm?

Card W

I Have...Who Has...
Perimeter

I have

1 cm

(All sides are the same length)

Who has a shape with a perimeter of 48cm?

Card X

I Have...Who Has...
Perimeter

I have

15 cm

9 cm

Who has a shape with a perimeter of 54cm?

Card Y

I Have...Who Has...
Perimeter

I have

20 cm

7 cm

Who has a shape with a perimeter of 6cm?

Card Z

I Have...Who Has...
Perimeter

I have

2 cm
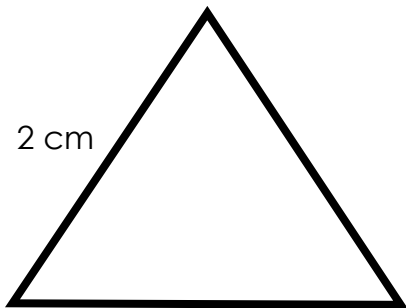
(All sides are the same length)

Who has a shape with a perimeter of 120cm?

Card AA

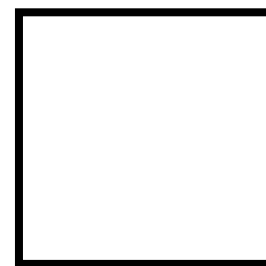# I Have...Who Has...
Perimeter

I have

30 cm

(All sides are the same length)

Who has a shape with a perimeter of 90cm?

Card BB

I Have...Who Has...
Perimeter

I have

30 cm

15 cm

Who has a shape with a perimeter of 60cm?

Card CC

I Have...Who Has...
Perimeter

I have

15 cm
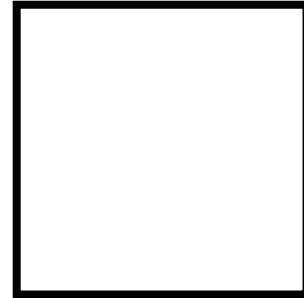
(All sides are the same length)

I have the last card.

Card DD