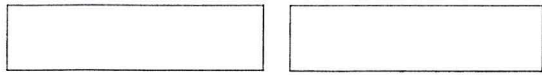## Perimeter of 2-D Shapes

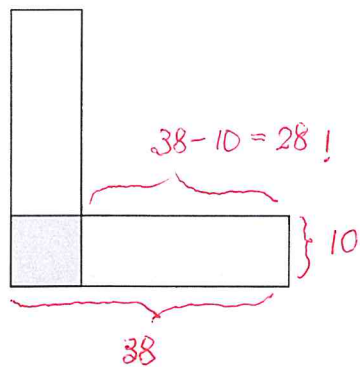Class: __4E__   Name: __Eugene__   (14)

Two identical rectangles are shown below.
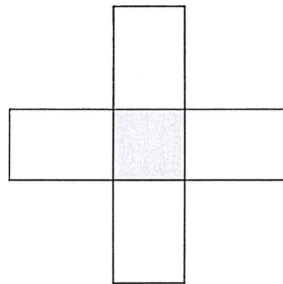

length = 38 cm, width = 10 cm.

They are put together to form three different polygons A, B and C..

A $P = 192 cm$.   B   C

I like your idea! ★

$38 - 10 = 28$!

$\}$ 10

38

1. Find the perimeter of these polygons.
2. Which has the longest perimeter? ___
3. Which has the shortest perimeter? ___

(A).

$\dfrac{(10 + 38) \times 4}{}$ ✗

$= 48 \times 4$

$= 192$

(B)

$\dfrac{(38 \div 2 + 10) \times 2}{}$ ✗

$= (16 + 10) \times 2$

$= 26 \times 2$

$= 52$

(C).

$(10 \times 4 +$ *You cannot find P(C) at your stage.*

$= 40$

Perimeter of 2-D Shapes

Class: 4E   Name: Ian _____ (8)
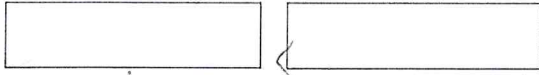
Two identical rectangles are shown below.

length = 38 cm, width = 10 cm.

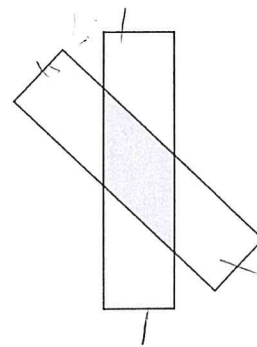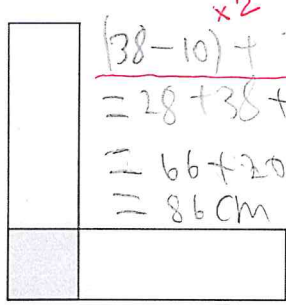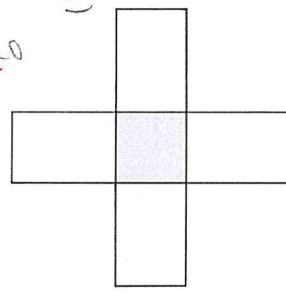They are put together to form three different polygons A, B and C..

$(38-10 +38) \times 10 \times 4$ X
$= 66 +10 \times 4$
$=$

A

$(38-10)^{\times 2} + 38^{\times 2} +20$
$= 28 +38 +20$
$= 66 +20$
$= 86$ Cm

B

C

Too careless!

1. Find the perimeter of these polygons.
2. Which has the longest perimeter?
3. Which has the shortest perimeter?

A. the Permeter of the 6 sided Ploygon is 86 cm

B.

Perimeter of 2-D Shapes

Class: _4E_   Name: _Leung Sze Yin, Cheryl_ (13)

Two identical rectangles are shown below.

length = 38 cm, width = 10 cm.

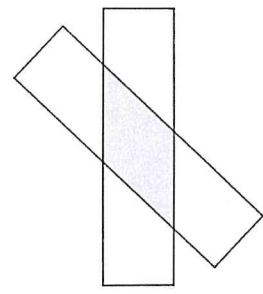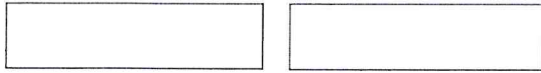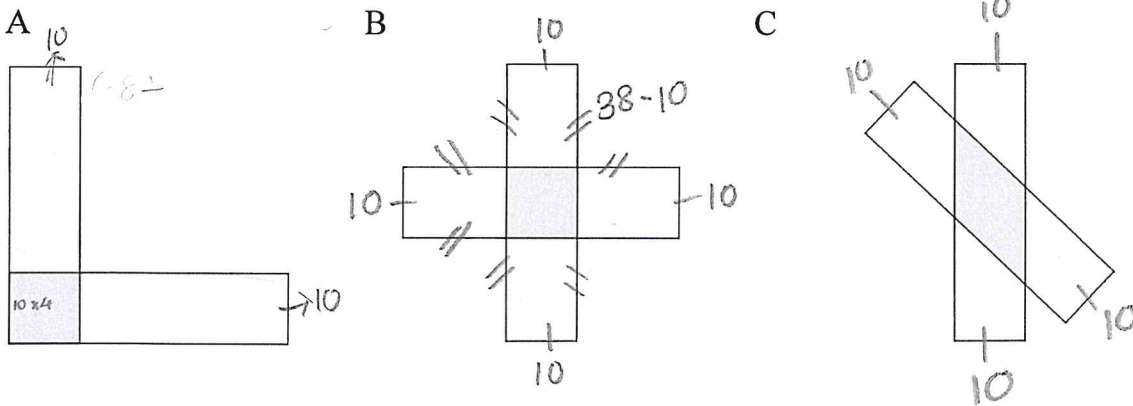They are put together to form three different polygons A, B and C..

A   B   C

1. Find the perimeter of these polygons.
2. Which has the longest perimeter?
3. Which has the shortest perimeter?

A. (38-10)×2 +(38×2) +(10×2) ✓

Do the calculation!

÷2×8

B. (38-10)÷⑧+(10×4)   ✗

Perimeter of 2-D Shapes

Class: __4E__   Name: __Kinney__ __(1)__

Two identical rectangles are shown below.

length = 38 cm, width = 10 cm.

They are put together to form three different polygons A, B and C..

A   B   C

1. Find the perimeter of these polygons.
2. Which has the longest perimeter?
3. Which has the shortest perimeter?

A: $(10 + 10) + (38 + 38) + (38 - 10) \times 2$
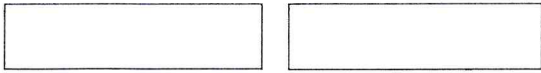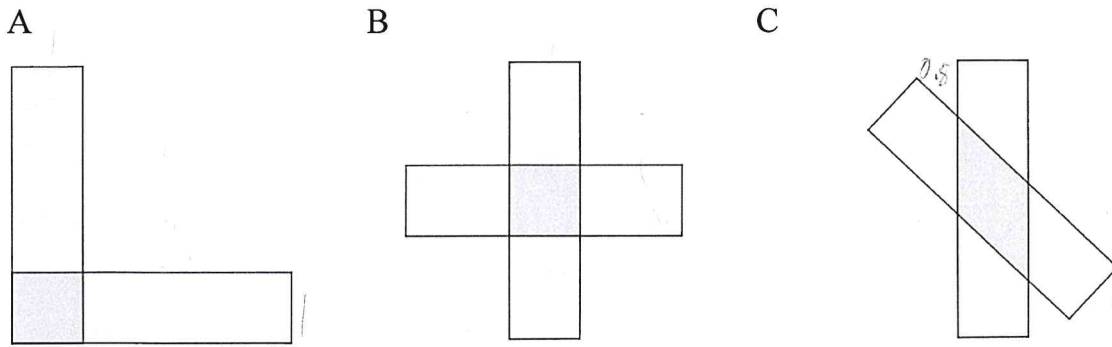$= 20 + 76 + 28 \times 2$
$= 20 + 76 + 56$
$= 96 + 56$ ✓
$= 46 2$ 152 cm   *Be careful!*

A: $(1 + 1) + (2.7 + 2.7) + (3.7 + 3.7)$
$= 2 + 5.4 + 7.4$
$= 7.4 + 7.4$
$= 14.8$ cm

C: 1 4

B: $(10 \times 4) + (14 \times 8)$
$= 40 + 112$
$= 152$ cm ✓

don't forget the unit!   14.8 > 14.4 > 13.6

Good!