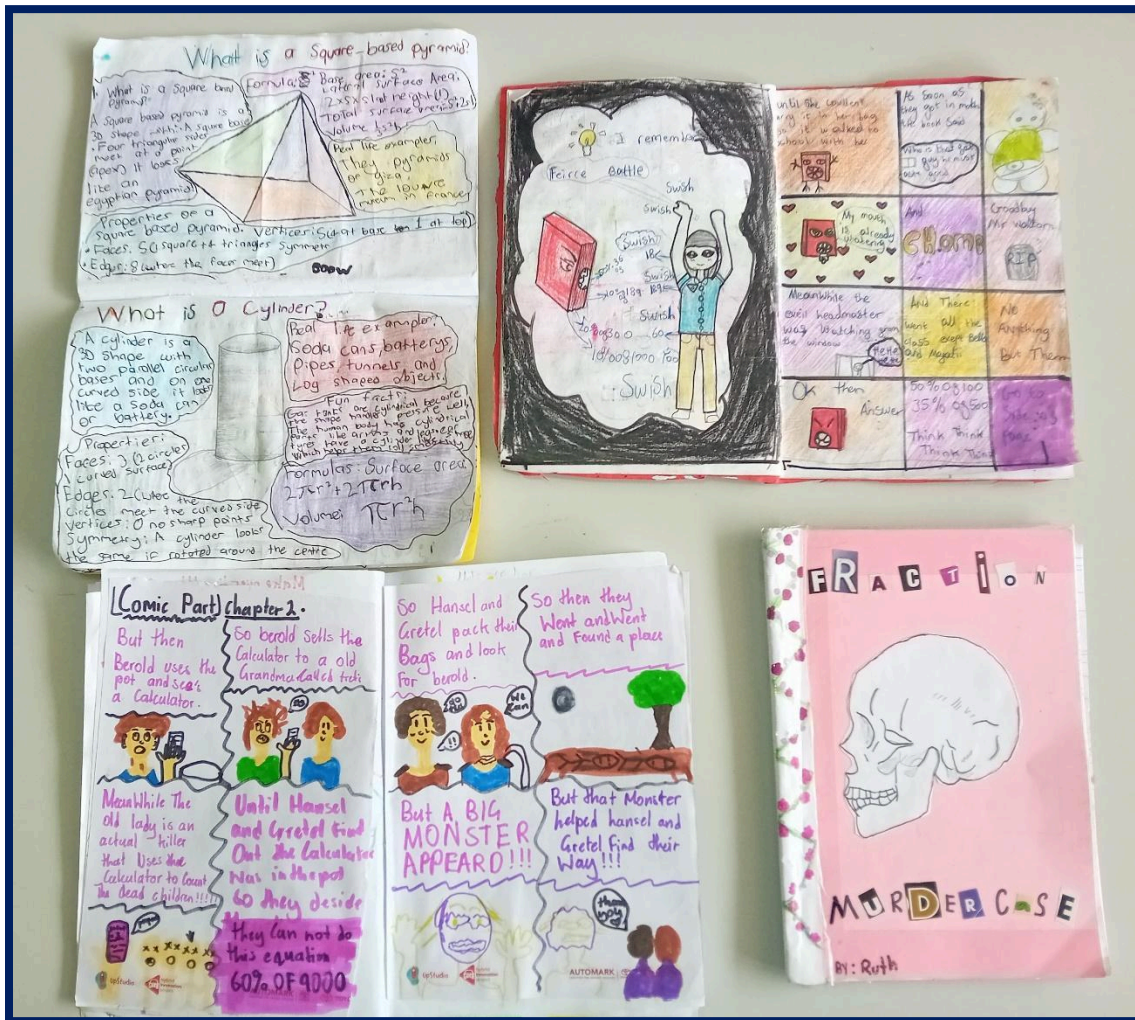


Maths and creativity

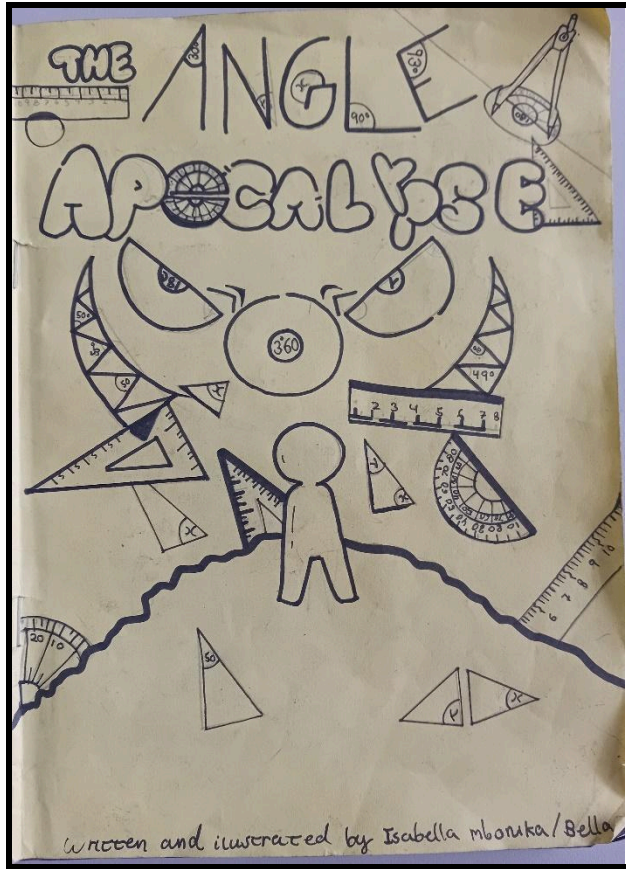
Year seven students were assigned with a task to produce small booklets which would teach someone a mathematics topic from the year seven course.

The results were spectacular, the students really used their imagination to introduce the topics in a fun and interesting way.

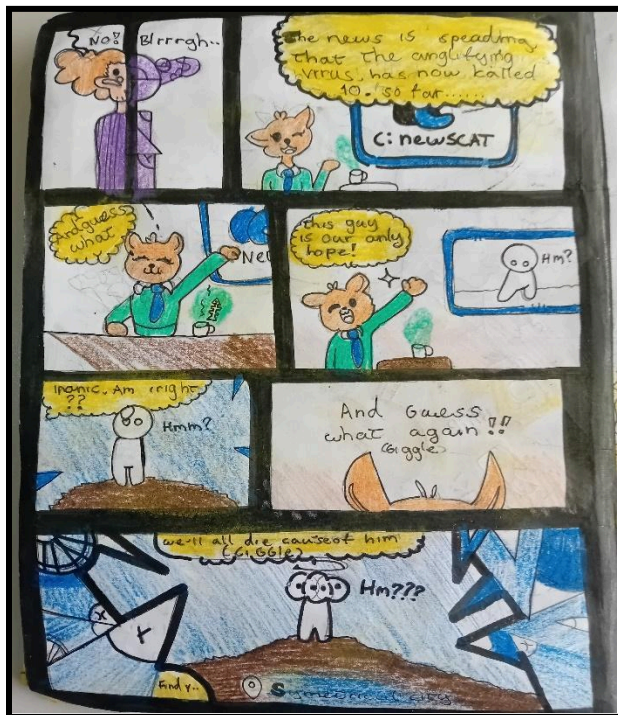
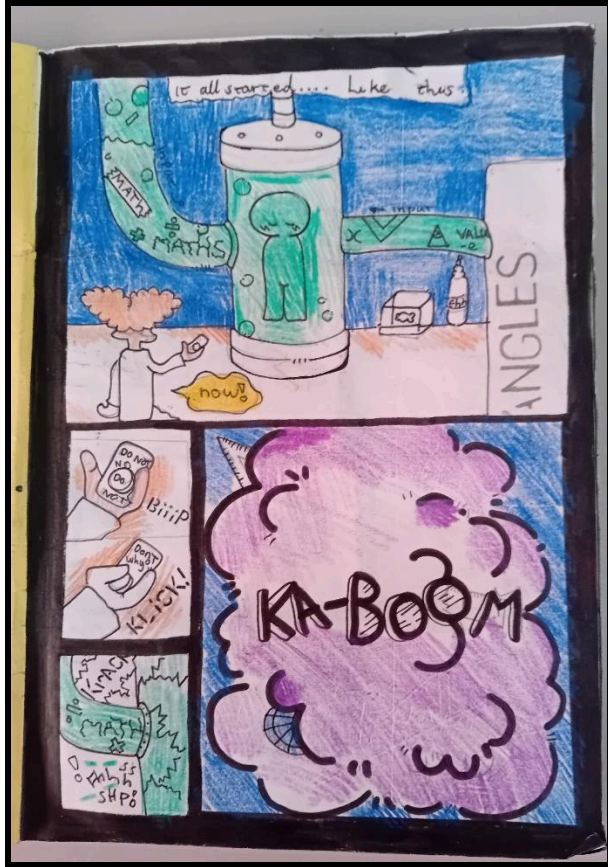
Here are some great examples made by Ruth, Oshumu, Lulu and Nasra.



Special congratulations must go to Bella who made a booklet about angles which is a work of art... here is her complete booklet.



written and illustrated by Isabella mbonka/Bella



Okay, so you have to defeat this virus:

nod!

can you calculate angles (yeah)

nod, nod, nod?

sure? (no)

shake shake

okay!

look. 3 angles in a triangle, yes? so these 3 angles add to 180; so if one angle is 30 and another one is 50 then $180 - 30 - 50 =$ the answer because they all should add to 180 get it?

try this one:

$x = 100$ because

1A

$50 + 30 = 80$
and $180 - 80 = 100$ so $x = 100$

But before all that try to learn this. This is an,

Isosceles (triangle)
Two of these angles are equal. In this case x and y .

Rectangle
All of these angles are equal and always 90 degrees, the angles add to 360° (4 Degrees) = 90°

Square
A lot like a rectangle. The square has 4 equal angles, that are 90 degrees and add to 360 degrees

Get it?
Hey!

OKAY!!
Sorry...
It's okay...

listen! OKAY!!
(It is important)

★ okay, x needs to be over 90 for it to be safe to pass, don't make any mistake now!

★ If you think it is over 90 degrees, head to the next 2 pages (comic)
★ If not, skip next 2 pages and read from there!

ahhh...

Angle poison

Angle ocean

Okay, slowly but now...

dip

uh-oh?

Same your self!

...SPLASH...

crack

ah dear!

splash splash splash

A) $x = ?$

B) $x = ?$

C) $x = ?$

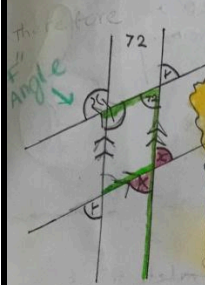
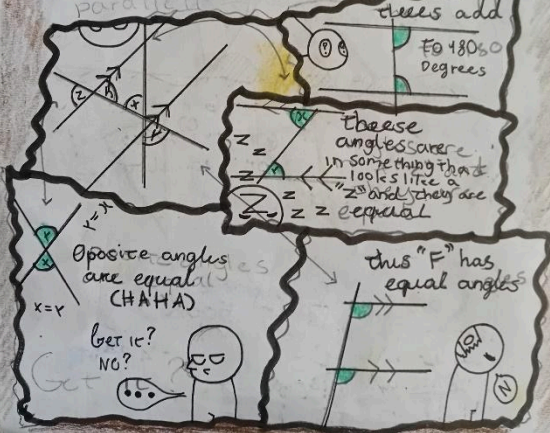
Da in your book (may not be drawn to scale)

Must use protractor scale

Great job, keep going!
 now let us find a new route!

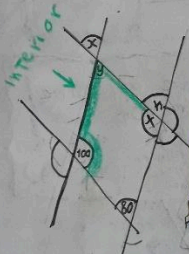


now, angles in parallel lines:
 the \ll arrows show lines that are parallel



ok so $x = 72$ cause it can be looked at like a see? and if we know $x = 72$ and x and y are equal...
 $x = y, y = 72$

A) now try this one on your own!




Remember that y is interior to 100 and equal to x .

you BETTER be hearing this!



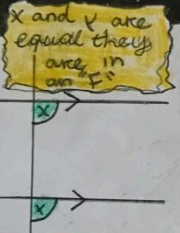
SURE


 ? ? ?
 ? ? ?

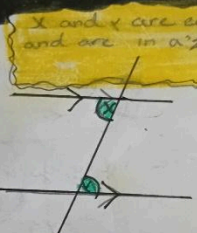
* If yes just move on to next page, if not stay right on this page here ↓

Katy?

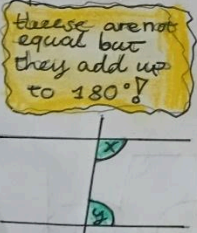
X and y are equal they are in an 'F'



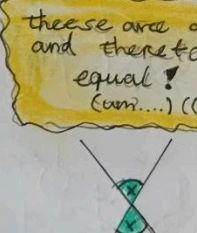
X and y are equal and are in a 'Z'



these are not equal but they add up to 180°!



these are opposite and therefore equal! (um....) ((yeah, really))



(interior)

what? we are here, but the doors lock?

look, 1, 2, 3, 4, 5, 6 rectangles? on two squares? which means that

360° degrees times 6 equals the answer?

360 × 6
 360 × 6
 2160

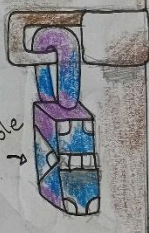
now, 2160 is not an angle, because it can't be above 360 (a circle) but it just might work!

ANTI-DOTE
 not in here and not written by Zoro...

it's a min- lock is at 600 so lots times

all these really add that? 10 as 20

unbreakable lock



could you come on? could you come on? could you come on? could you come on? could you come on?

click

yes! the antidote

