WEEK 32 – WEEKLY MATHS CHALLENGE
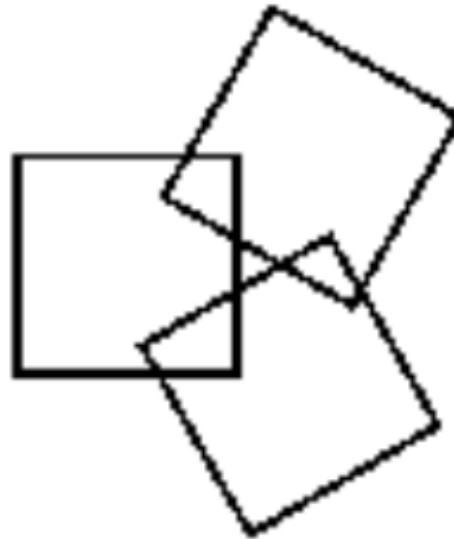
The three squares in the diagram are **congruent**.

The areas of the overlapping parts are 2cm², 5cm² and 8cm².

The total area of the non-overlapping parts is 117cm².

Find the side-length of each square.

Mr. Bush's Fun Maths Fact:

"A byte has 8 bits. There are 1024 bytes in a kilobyte, 1024 kilobytes in a megabyte and 1024 megabytes in a gigabyte. How many bytes in a gigabyte are there?"

Submit your answers on a piece of paper with your name and form on by the END OF FRIDAY to the box by **student services**. Winner revealed next Wednesday!