

Areas of Compound Shapes

There are two methods that can be used to Calculate Compound Areas

Method One

Larger Rectangle takes away Smaller Rectangle

$$(11\text{m} \times 14\text{m}) - (12\text{m} \times 6\text{m})$$

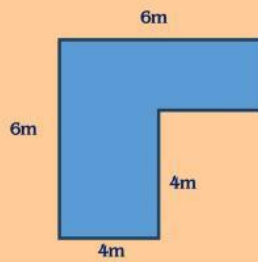
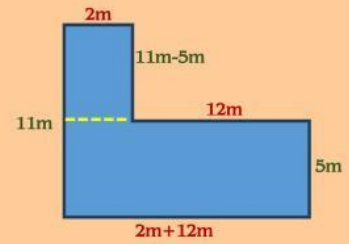
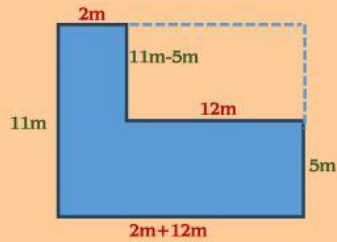
$$(154\text{m}) - (72\text{m}) = 82\text{m}$$

Method Two

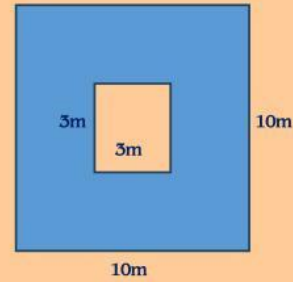
Add Areas of All Rectangles

$$(2\text{m} \times 6\text{m}) + (14\text{m} \times 5\text{m})$$

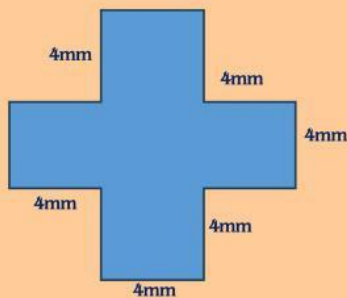
$$(12\text{m}) + (70\text{m}) = 82\text{m}$$



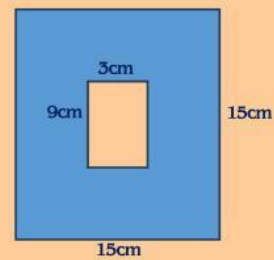
Area = _____ m²



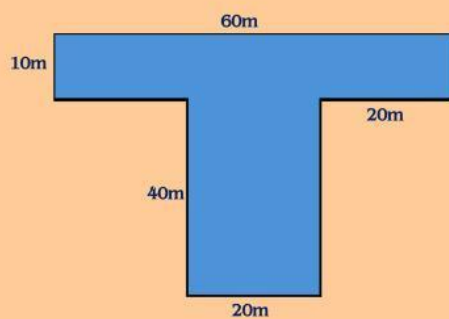
Area = _____ m²



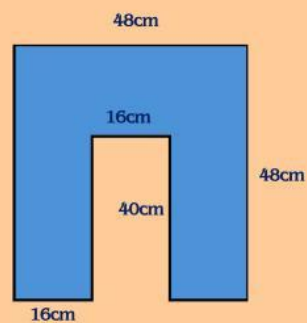
Area = _____ mm²



Area = _____ cm²



Area = _____ m²



Area = _____ cm²