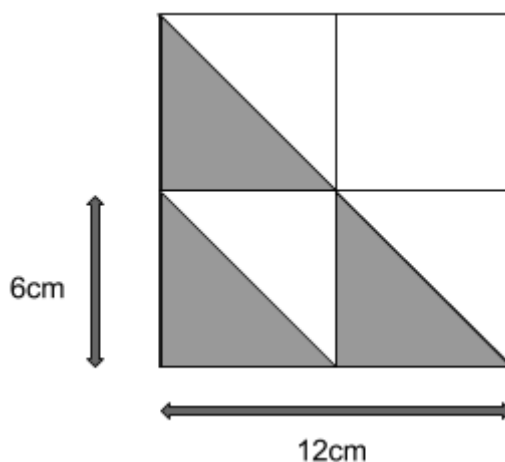
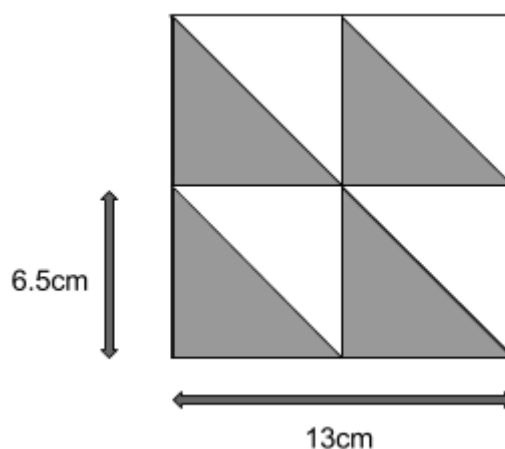


31 (Area) Paper 1 **Name:** _____

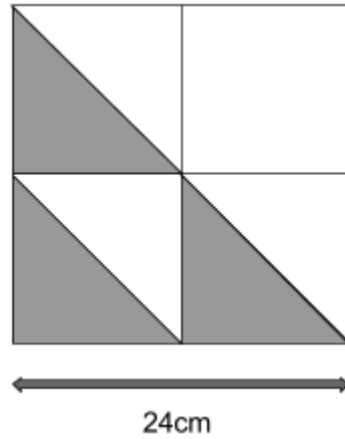
1. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **12 cm** long. Each side of a **smaller square** is **6 cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.

_____ cm²

2. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **13 cm** long. Each side of a **smaller square** is **6.5 cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.

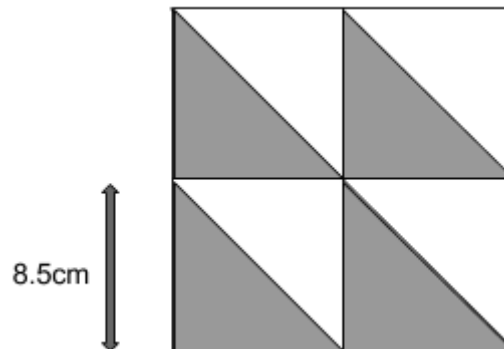
_____ cm²

3. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **24 cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



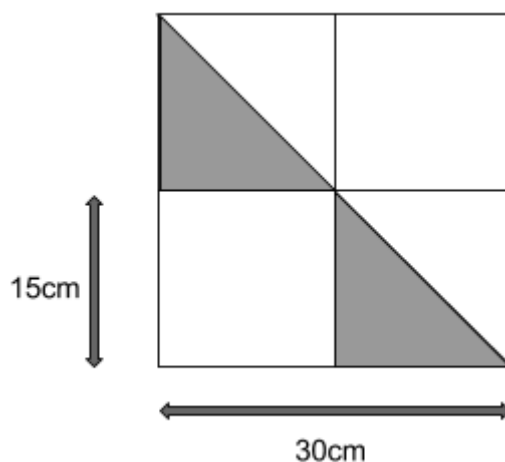
_____ cm²

4. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of a **smaller square** is **8.5cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



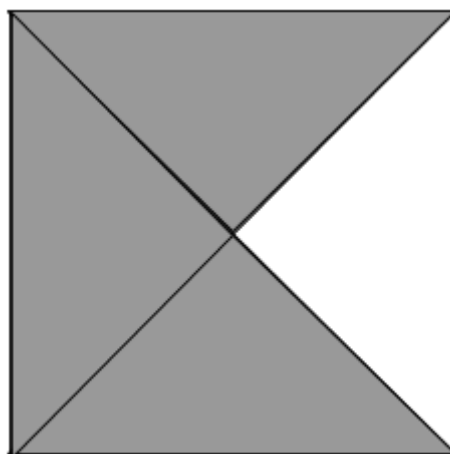
_____ cm²

5. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **30cm** long. Each side of a **smaller square** is **15 cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



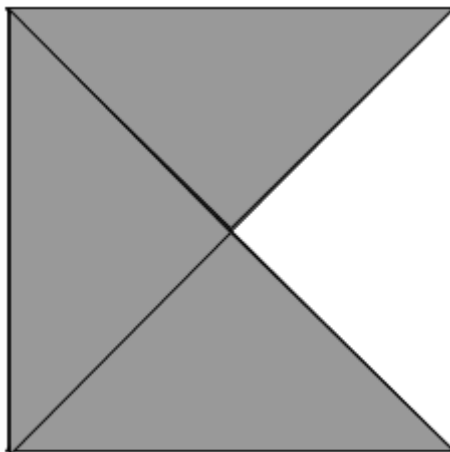
_____ cm²

6. Look at the diagram below. A **large square** is made up of **4 triangles**. All the triangles are the **same size**. The **perimeter** of the square is **32 cm**. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



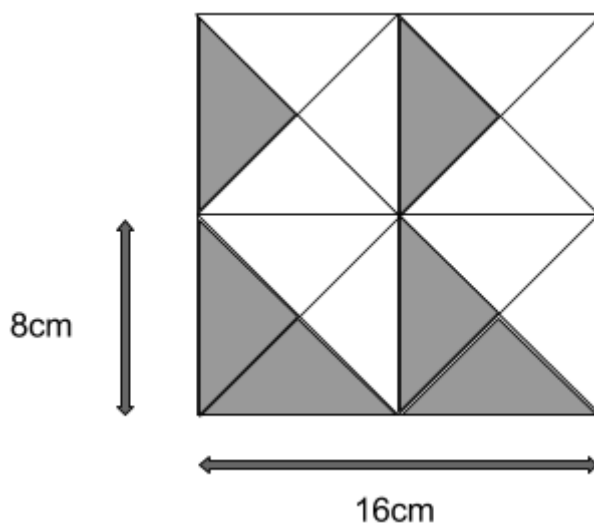
_____ cm²

7. Look at the diagram below. A **large square** is made up of **4 triangles**. All the triangles are the **same size**. The **area** of the **three triangles** is **27cm^2** . What is the **length** of **one** of the sides of the **large square**? Write your answer in the space below.



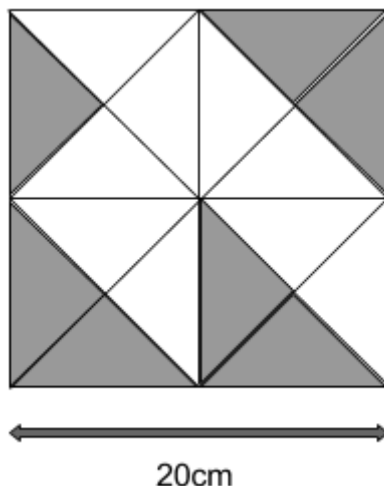
_____ cm

8. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **16cm** long. Each side of a **smaller square** is **8cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



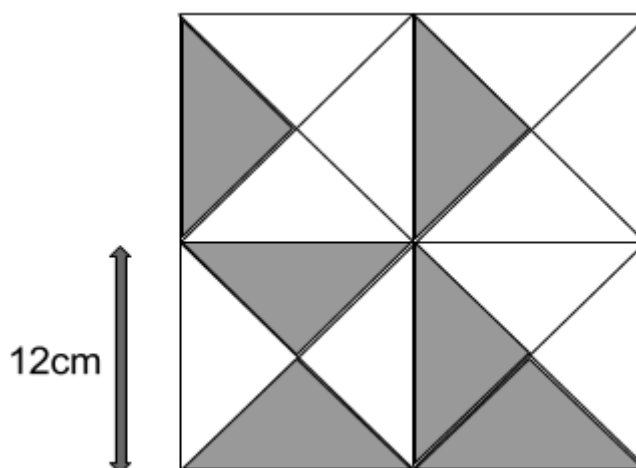
_____ cm^2

9. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large square** is **20cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.



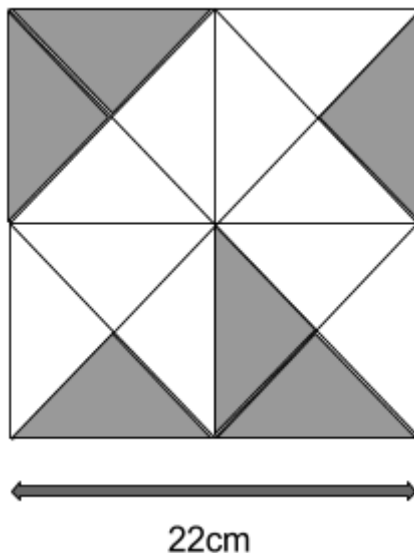
_____ cm²

10. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of a **smaller square** is **12cm** long. What is the area of the **shaded part** of the **large square**? Write your answer in the space below.

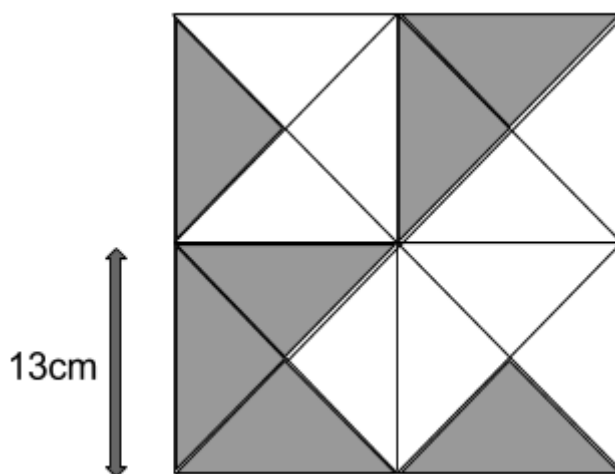


_____ cm²

11. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **large** square is **22cm** long. What is the area of the shaded part of the large square? Write your answer in the space below.



12. Look at the diagram below. A **large square** is made up of **4 smaller squares**. All the smaller squares are the **same size**. Each side of the **small** square is **13cm** long. What is the area of the shaded part of the large square? Write your answer in the space below.



Answers

1. 54
2. 84.5
3. 216
4. 144.5
5. 225
6. 48
7. 6
8. 96
9. 175
10. 216
11. 181.5
12. 295.75