

# Word Problems

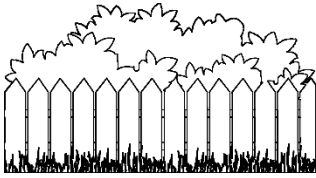
## Area

1. A manager wants to order carpet to cover the floor of an office with a length of 5 metres and a width of 8 metres. What is the area of the office?



2. Tiffany's driveway has an area of 21 square metres. If the wide of her driveway is 3 metres, what is the length?

3. Denise has a square yard with 3 metre sides. What is the area of her yard?



4. Clair makes flipbooks for her friends using small cards. Each card is 4cm tall and 7cm wide. What is the area of each card?

5. The local school is planning to design a mural. They need a wall that is at least  $14\text{m}^2$ . The first wall is 6 metres wide and 2 metres high. The second wall is 5 metres wide and 3 metres high. Will either wall be suitable for the mural? If so, which one?



# Word Problems **Answers**

## Area

1. A manager wants to order carpet to cover the floor of an office with a length of 5 metres and a width of 8 metres. What is the area of the office?

**40 square metres**

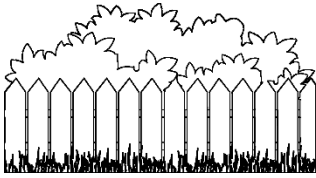


2. Tiffany's driveway has an area of 21 square metres. If the wide of her driveway is 3 metres, what is the length?

**7 metres**

3. Denise has a square yard with 3 metre sides. What is the area of her yard?

**9 square metres**



4. Clair makes flipbooks for her friends using small cards. Each card is 4cm tall and 7cm wide. What is the area of each card?

**28 square centimetres**

5. The local school is planning to design a mural. They need a wall that is at least 14m<sup>2</sup>. The first wall is 6 metres wide and 2 metres high. The second wall is 5 metres wide and 3 metres high. Will either wall be suitable for the mural? If so, which one?

**Only the second wall is suitable (15 square metres)**

