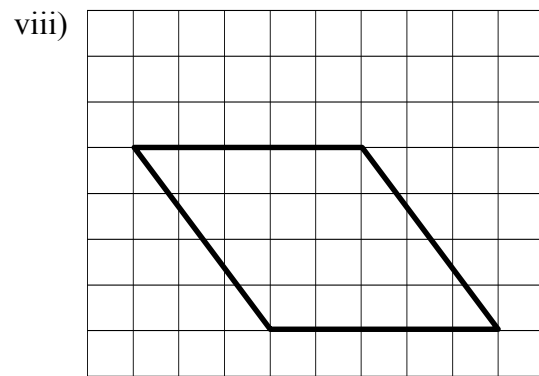
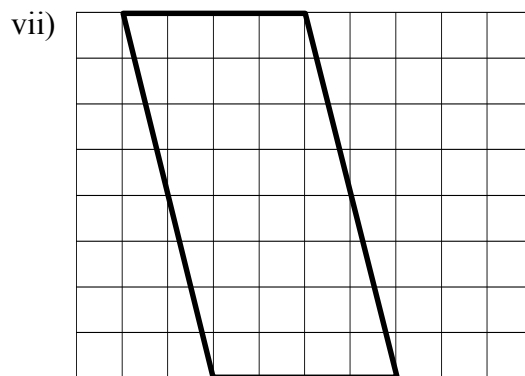
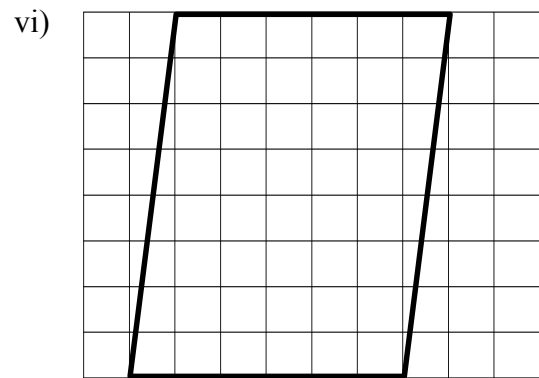
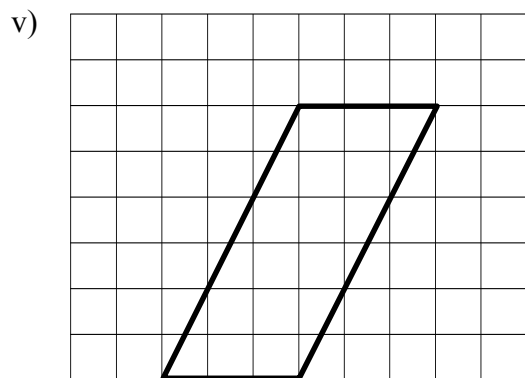
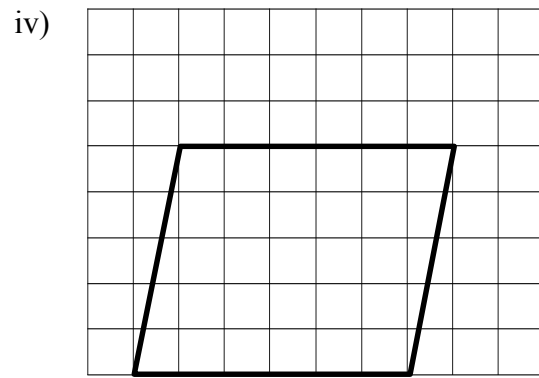
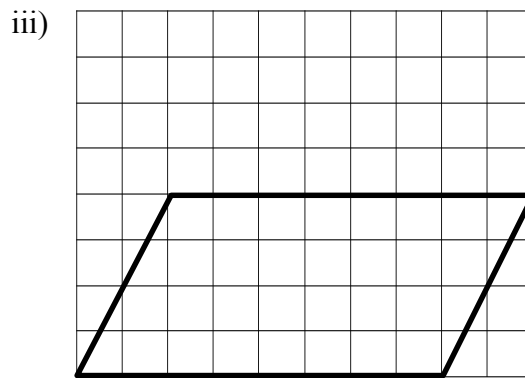
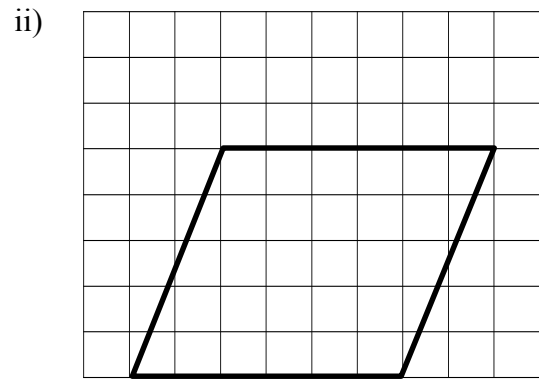
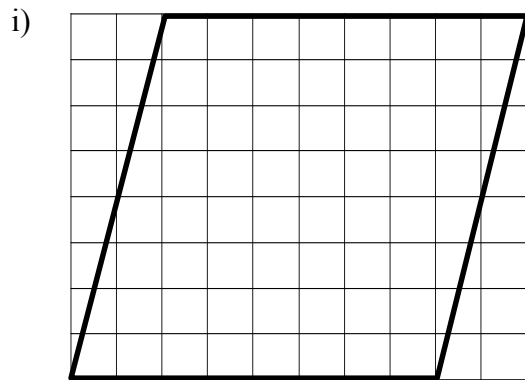
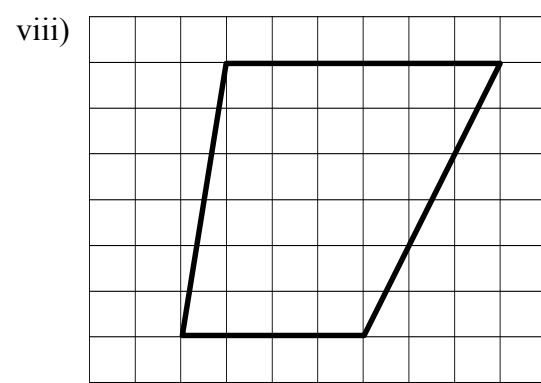
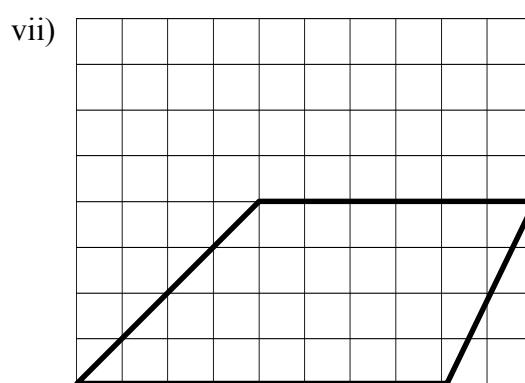
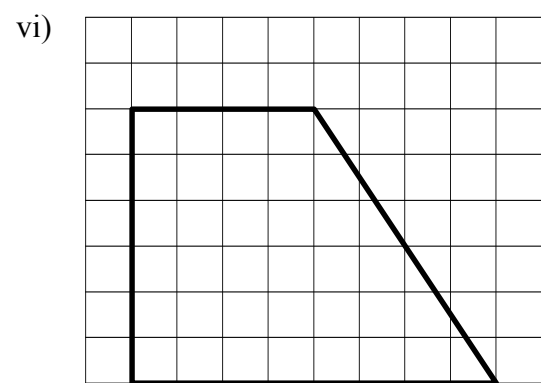
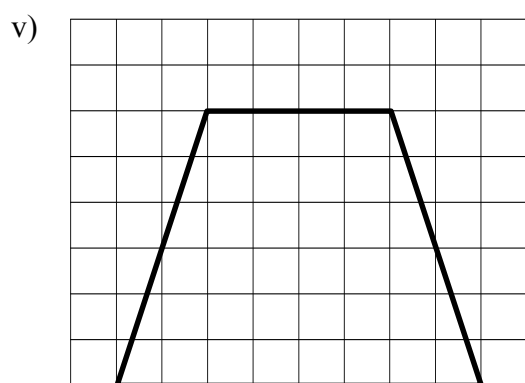
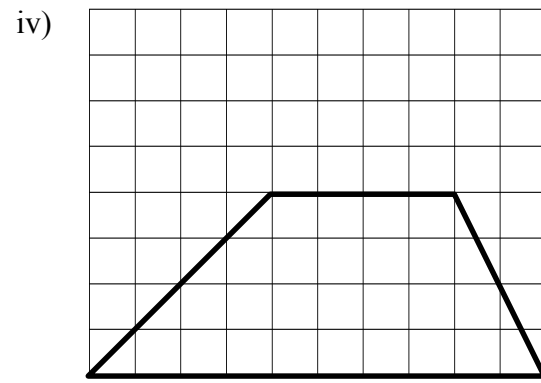
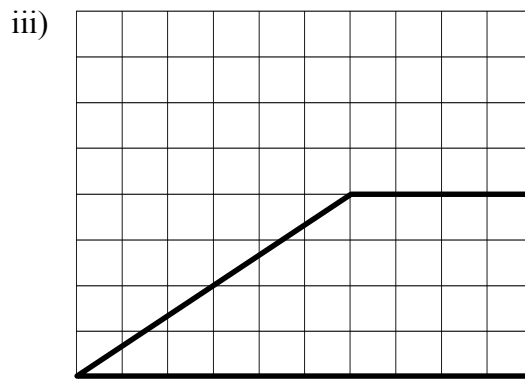
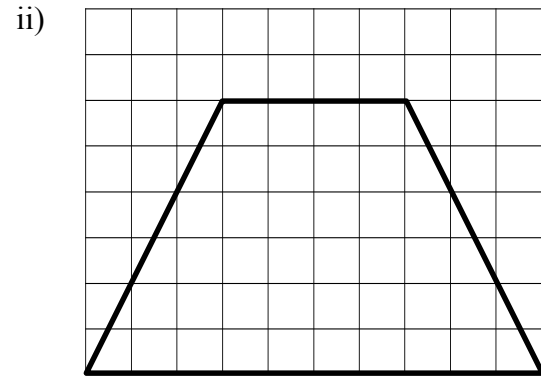
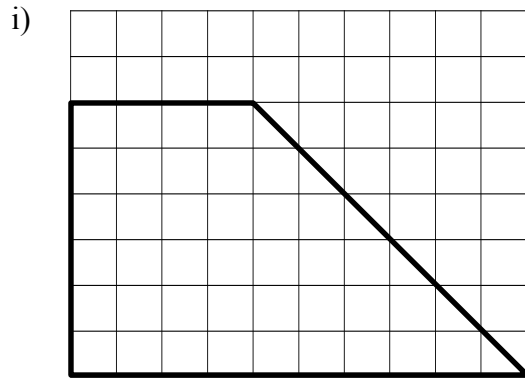


## AREAS OF PARALLELOGRAMS AND TRAPEZIUMS

1) Find the areas, in  $\text{cm}^2$ , of the following parallelograms. {Assume each square is  $1 \text{ cm} \times 1 \text{ cm}$ .}

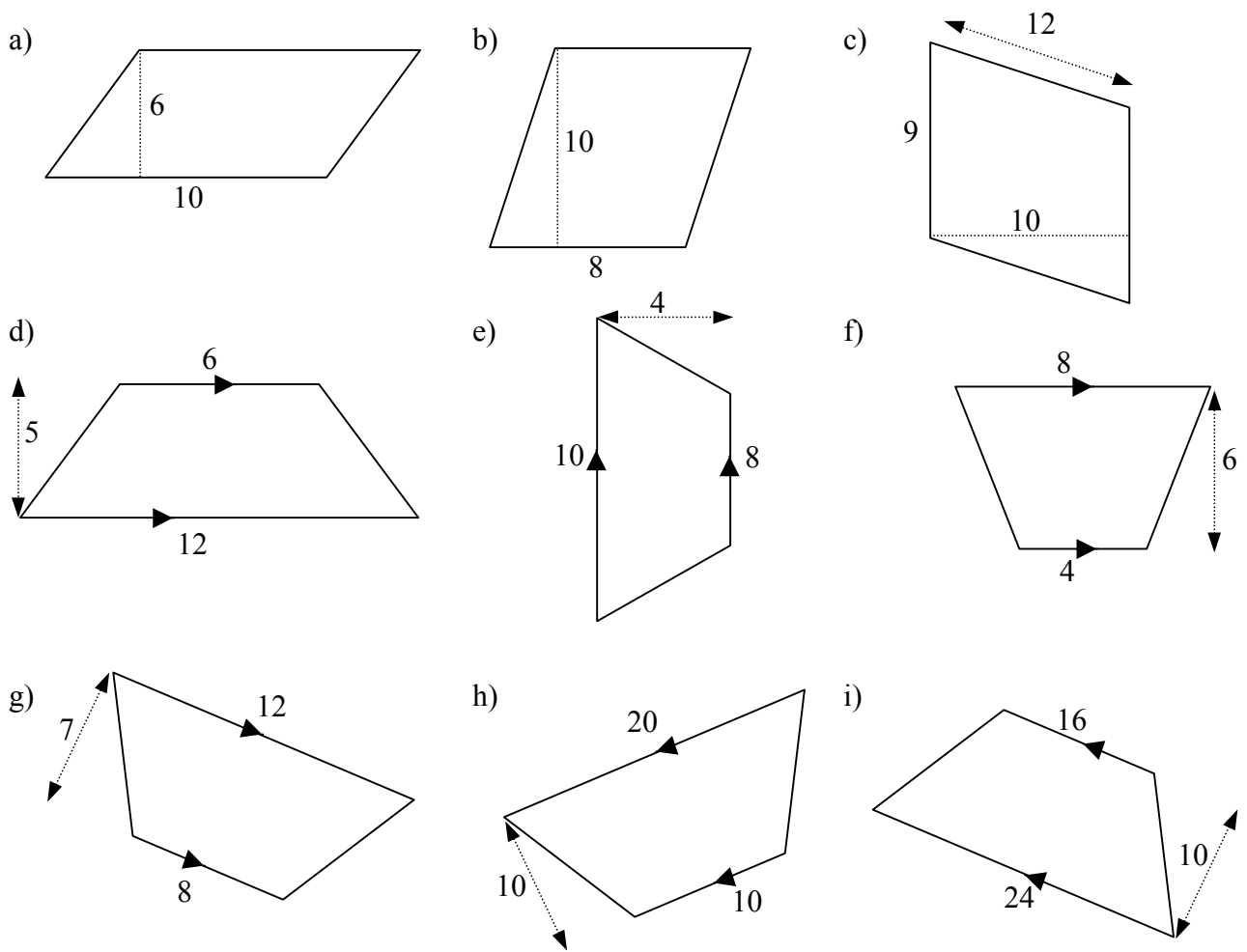


2) Find the areas, in  $\text{cm}^2$ , of the following trapeziums. {Assume each square is  $1 \text{ cm} \times 1 \text{ cm}$ .}

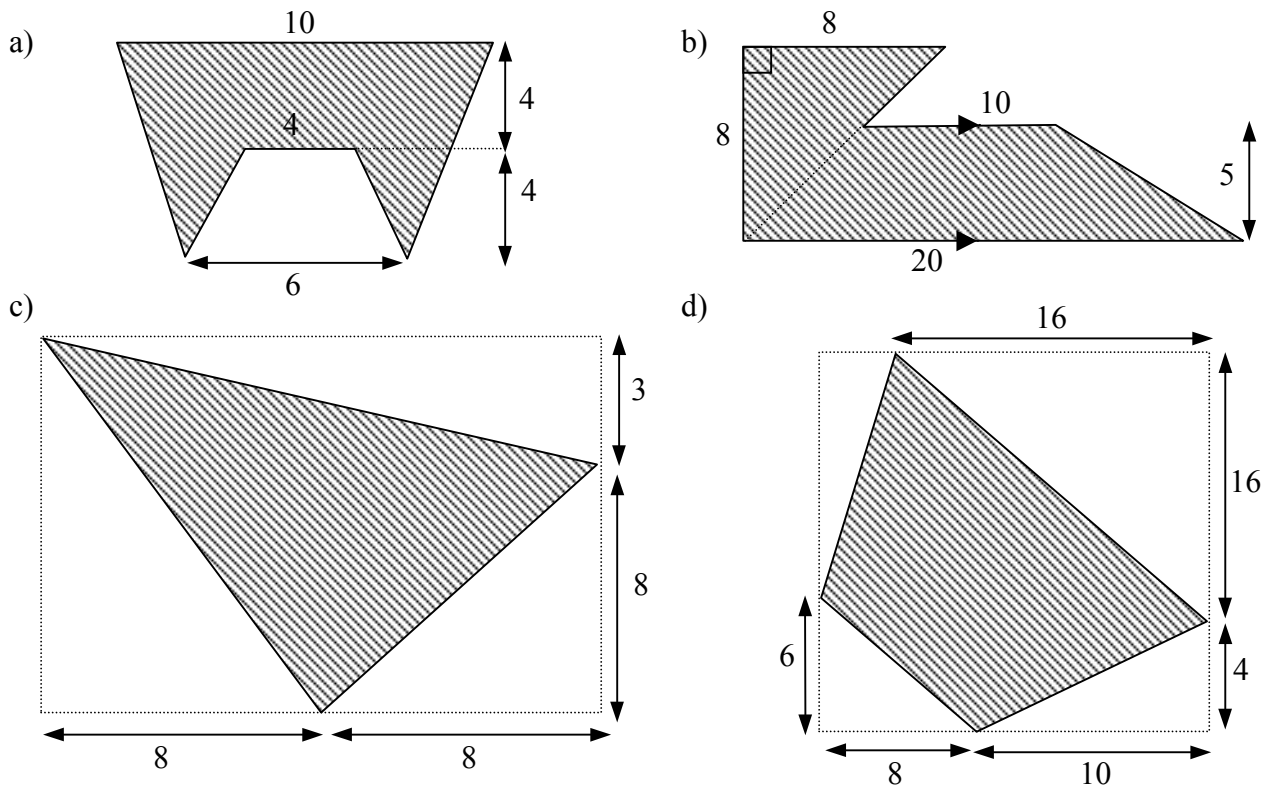


**Extension.**

3) Find the areas, in  $\text{cm}^2$ , of the following parallelograms and trapeziums.  
 {ALL measurements are in cm}



4) Find the areas of the shaded shapes by combining triangles, parallelograms and trapeziums.



ANSWERS.

- 1)      i)  $64 \text{ cm}^2$                   ii)  $30 \text{ cm}^2$                   iii)  $32 \text{ cm}^2$                   iv)  $30 \text{ cm}^2$   
          v)  $18 \text{ cm}^2$                   vi)  $48 \text{ cm}^2$                   vii)  $32 \text{ cm}^2$                   viii)  $20 \text{ cm}^2$ .
- 2)      i)  $42 \text{ cm}^2$                   ii)  $42 \text{ cm}^2$                   iii)  $28 \text{ cm}^2$                   iv)  $28 \text{ cm}^2$   
          v)  $36 \text{ cm}^2$                   vi)  $36 \text{ cm}^2$                   vii)  $28 \text{ cm}^2$                   viii)  $30 \text{ cm}^2$ .
- 3)      a)  $60 \text{ cm}^2$                   b)  $80 \text{ cm}^2$                   c)  $90 \text{ cm}^2$                   d)  $45 \text{ cm}^2$   
          e)  $36 \text{ cm}^2$                   f)  $36 \text{ cm}^2$                   g)  $70 \text{ cm}^2$                   h)  $150 \text{ cm}^2$   
          i)  $200 \text{ cm}^2$ .
- 4)      a)  $44 \text{ cm}^2$                   b)  $107 \text{ cm}^2$                   c)  $76 \text{ cm}^2$                   d)  $174 \text{ cm}^2$ .