

# Area of parallelograms

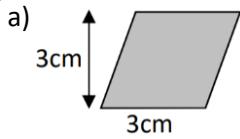
**70**

Name:

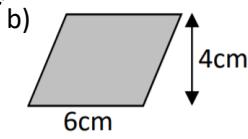


[maths-school.co.uk](https://maths-school.co.uk)

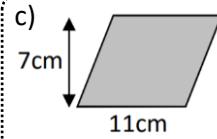
Calculate the area of these parallelograms. State the units of your answer.



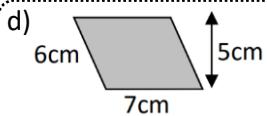
$$9\text{cm}^2$$



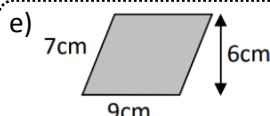
$$24\text{cm}^2$$



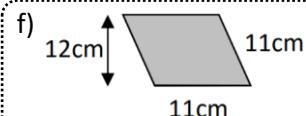
$$77\text{cm}^2$$



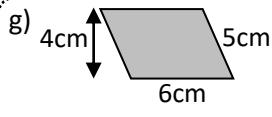
$$35\text{cm}^2$$



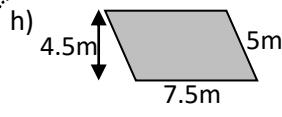
$$54\text{cm}^2$$



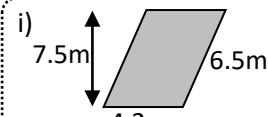
$$132\text{cm}^2$$



$$24\text{cm}^2$$

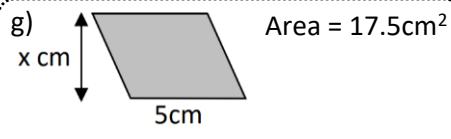


$$33.75\text{m}^2$$

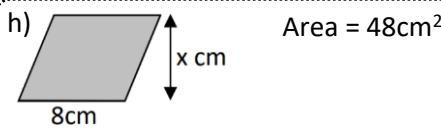


$$31.5\text{m}^2$$

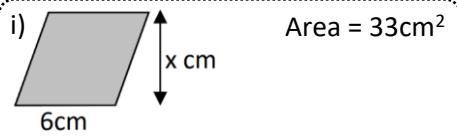
Calculate the value of x in the parallelograms:



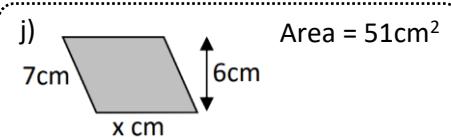
$$3.5\text{cm}$$



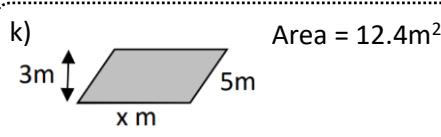
$$6\text{cm}$$



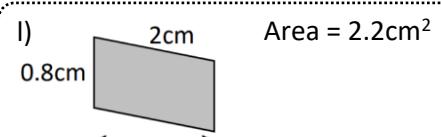
$$5.5\text{cm}$$



$$8.5\text{cm}$$



$$4.133\text{m}$$



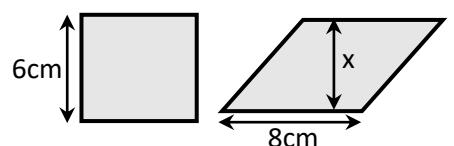
$$2.75\text{cm}$$

**Exam question:**

The area of this square and parallelogram are equal. Calculate the value of x.

$$6 \times 6 = 36$$

$$36 \div 8 = 4.5$$



$$4.5\text{cm}$$

