

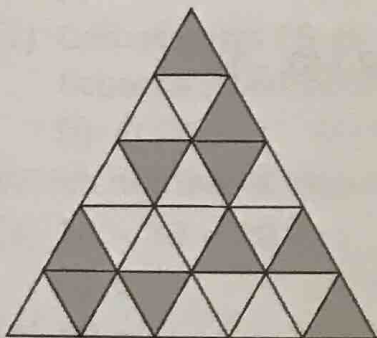
Paper 3

Test time: 17 minutes

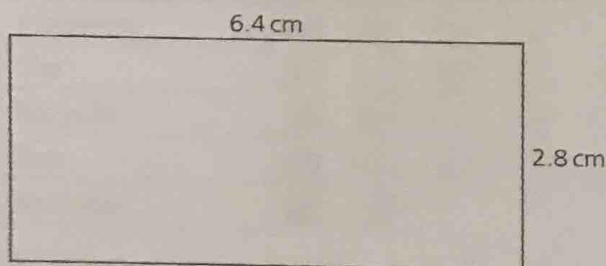
- 1 Write the year represented by the Roman numerals MLIX. _____ (1)
- 2 $-18 + 27 =$ _____ (1)
- 3 Insert the missing digits in this addition. (2)

	—	8	9
+	3	5	—
	7	4	2

- 4 $138 \div 6 =$ _____ (1)
- 5 $1254 \times 3 =$ _____ (1)
- 6 There are 5272 seats in the Royal Albert Hall. During the interval, 2346 of the audience leave the auditorium. How many stay in the auditorium? _____ (1)
- 7 What number between 130 and 140 is exactly divisible by 12? _____ (1)
- 8 What is the product of the first three prime numbers? _____ (1)
- 9 A television costs £360
In the sale it is reduced by 15%. What is the sale price of the television?
_____ (2)
- 10 What fraction of the shape below is shaded grey? Give your answer in its simplest form. _____ (2)



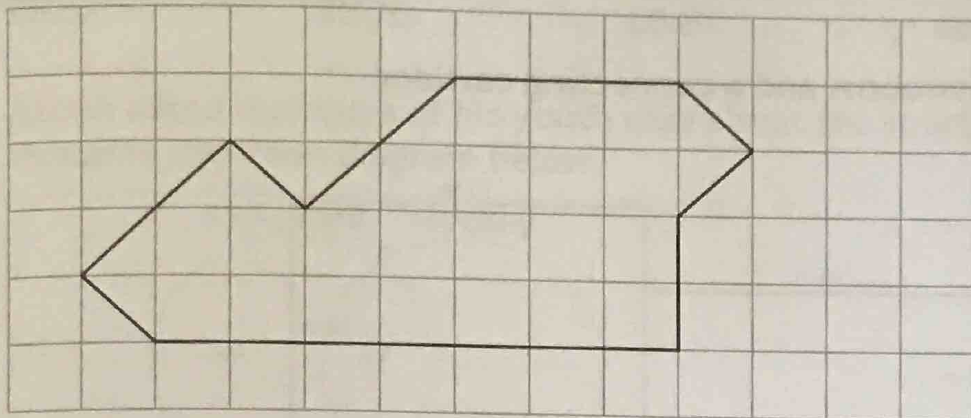
- 11 $5x + 3y = 43$
Find the value of y when $x = 5$
 $y =$ _____ (3)
- 12 What is the perimeter of this rectangle? (2)



Not drawn accurately

13 What is the area of this shape?

(1)



14 A postman has four parcels to deliver. The mass of the parcels are 3.24 kg, 0.81 kg, 4.22 kg and 1.7 kg. What is the total mass of the parcels? _____

(1)

15 $\frac{3}{4}$ of 64 = _____

(2)

16 What is the value of $3y + 8$ when $y = 9$? _____

(1)

17 The finishing times of the sprinters in a 100-metre race are given below.

9.81

9.85

9.91

9.83

10.0

What is the mean time? _____

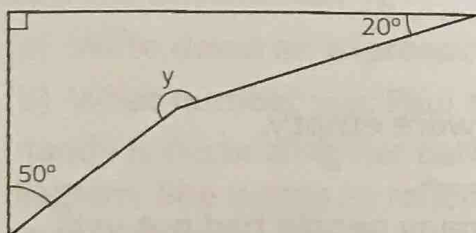
(2)

18 On a map, 1 cm represents 5 km. What is the actual distance represented by a line of 9 cm on the map? _____

(1)

19 Find the missing angle in the quadrilateral below. $y =$ _____

(2)



Not drawn accurately

20 A scale model car is 40 cm long. The scale is 1:10

How long is the actual car? _____

(1)