

**1. Arithmetic – place value & known multiplication facts**

$6 \times 7 \times 6 =$

$45 \times 1 =$

$67 \div 1 =$

$9 \times 3 \times 5 =$

$23 \times 0 =$

$78 \times 1 =$

$97 \div 1 =$

$3 \times 6 \times 3 =$

$4 \times 5 \times 2 =$

$88 \times 0 =$

$126 \div 1 =$

$7 \times 9 \times 5 =$

$367 \times 0 =$

$2 \times 5 \times 7 =$

$425 \times 1 =$

$280 \div 1 =$

$4 \times 7 \times 8 =$

$458 \times 1 =$

$7 \times 1 \times 9 =$

$824 \div 1 =$

$3 \times 4 \times 5 =$

$359 \times 0 =$

$7 \times 5 \times 2 =$

$725 \times 1 =$

**2. Sudoku**

4 squares by 4 squares

4			3
3	1		
2			1
		2	

4 squares by 4 squares

	1		2
2		1	4
1	4	2	
	2		

4 squares by 4 squares

4	1	3	
		1	
1			4

6 squares by 6 squares

6	3	2	4		
4		1	6	3	
	6	3	1		
1		5		6	
5			3		4
					6

6 squares by 6 squares

	2		3	6	
			5		2
1	5				4
2		3	1	5	6
4	3		6	1	
6	1		4	2	

6 squares by 6 squares

	5			4	3
6				1	5
		6		3	
		3		6	
4	6	5	3		1
3			4	5	

### 3. Arithmetic – multiplication and division

$8 \times 6 =$

$5 \times 11 =$

$8 \times 6 =$

$9 \times 4 =$

$5 \times 8 =$

$6 \times 12 =$

$11 \times 4 =$

$5 \times 8 =$

$4 \times 9 =$

$2 \times 12 =$

$7 \times 8 =$

$6 \times 5 =$

$45 \div 9 =$

$27 \div 3 =$

$70 \div 10 =$

$15 \div 5 =$

$66 \div 11 =$

$72 \div 8 =$

$99 \div 9 =$

$28 \div 7 =$

$144 \div 12 =$

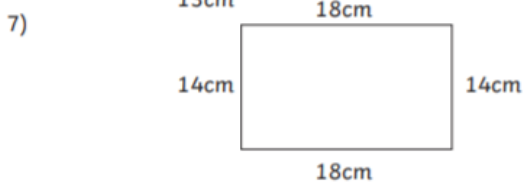
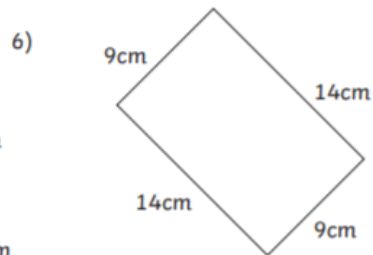
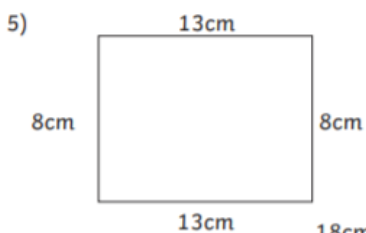
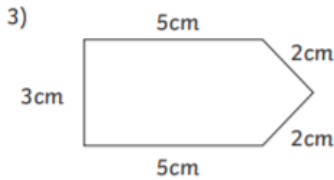
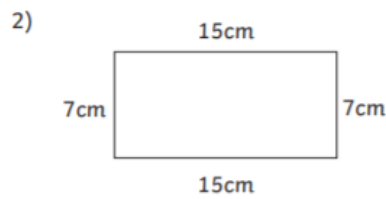
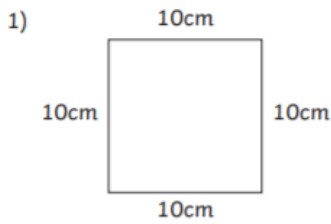
$56 \div 7 =$

$72 \div 8 =$

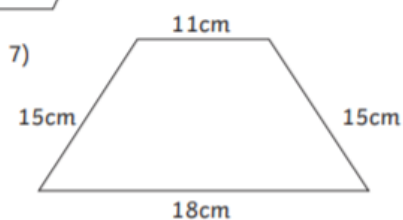
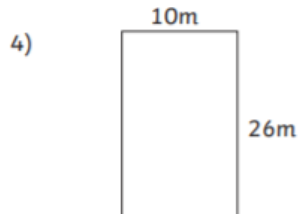
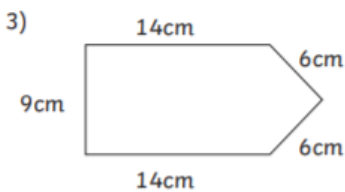
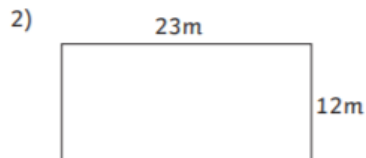
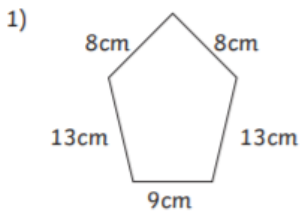
$30 \div 5 =$

## 4. Calculate the perimeter of a shape

Calculate the perimeter of each of these shapes. Write the answer inside the shape. Always check the units of measure and remember that these drawings are not to scale!



Now try these shapes. You'll need to work out the length of all the sides first.



## 5. Arithmetic – addition and subtraction

$4829 + 5583 =$

$3378 + 4829 =$

$2995 + 7209 =$

$8394 + 2887 =$

$3097 + 6729 =$

$5849 + 3772 =$

$3984 + 4592 =$

$2099 + 4099 =$

$4728 + 5447 =$

$6584 + 3188 =$

$3886 + 2871 =$

$9012 + 2197 =$

$5839 - 4682 =$

$3927 - 2836 =$

$4229 - 2983 =$

$8015 - 3727 =$

$4003 - 2897 =$

$2917 - 2734 =$

$9235 - 7082 =$

$4020 - 2873 =$

$4782 - 4089 =$

$8837 - 4528 =$

$2874 - 1905 =$

$9031 - 7728 =$

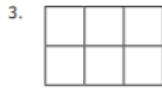
## 6. Find the area by counting squares



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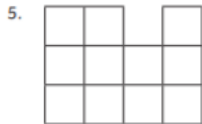
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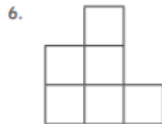
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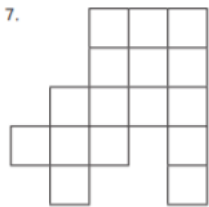
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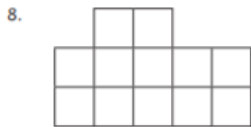
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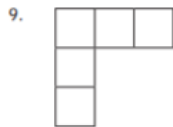
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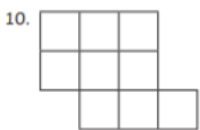
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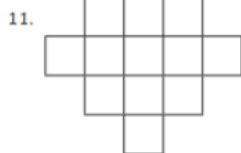
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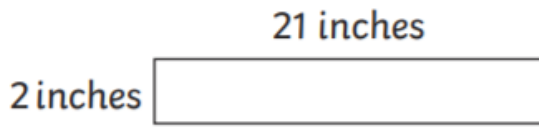
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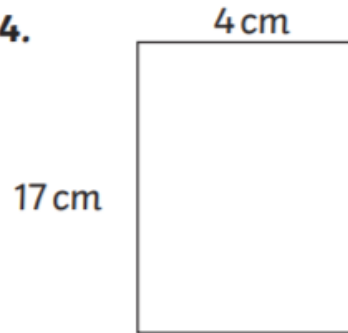
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If you want a challenge, try these four. You will need to multiply the two sides together to find the area.

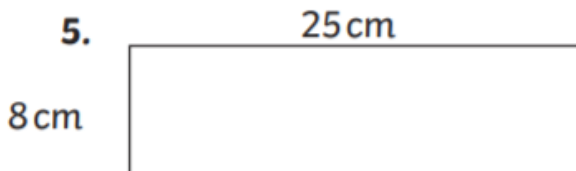
3.



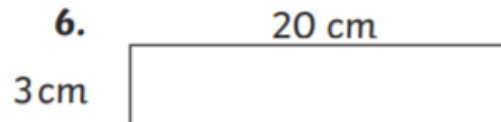
4.



5.



6.



### 7. Using short multiplication

$45 \times 5 =$

$67 \times 6 =$

$34 \times 3 =$

$66 \times 2 =$

$93 \times 5 =$

$42 \times 7 =$

$75 \times 4 =$

$48 \times 6 =$

$57 \times 3 =$

$25 \times 4 =$

$95 \times 5 =$

$88 \times 7 =$

$489 \times 5 =$

$564 \times 6 =$

$213 \times 3 =$

$294 \times 2 =$

$675 \times 5 =$

$482 \times 7 =$

$165 \times 4 =$

$884 \times 6 =$

$205 \times 3 =$

$613 \times 4 =$

$594 \times 5 =$

$346 \times 7 =$

## 8. Times Table Practise

X	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

X	1	2	3	4	5	6	7	8	9	10	11	12
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

## 9. Roman numerals

I	1	XXX	30
II	2	XL	40
III	3	L	50
IV	4	LX	60
V	5	LXX	70
VI	6	LXXX	80
VII	7	XC	90
VIII	8	C	100
IX	9	D	500
X	10	M	1,000
XX	20	MD	1,500

Work out the numbers to reveal the hidden picture. Each answer has a special colour.

grey =	gold =	white (blank) =	black =	red =
<b>11 - 20</b>	<b>21 - 30</b>	<b>31 - 40</b>	<b>50</b>	<b>any other number</b>

XXXI	XXXV	V	II	XXV	XLIX	XLIV	XXXII	XL
XXXVI	XLV	XLIX	XLI	XXI	XLVI	XLIX	XLVIII	XXXIV
XXXVIII	XXI	XLIII	XLV	XXIV	V	II	XXVIII	XXXII
XXXIX	IX	XXVI	XLVII	XXIII	XLIX	XXIX	XLIX	XXXVIII
XXXIV	III	XLVIII	XV	XII	XVI	XLVIII	XLV	XXXII
XXXVII	XXV	XXIII	XX	L	XIII	XXIX	XXV	XXXIV
XXXIX	XLIII	XLIX	XVII	XIV	XIX	XLVI	XLIX	XXXIX
XL	XLV	XXV	XLIX	XXVI	XLI	XXVII	XLI	XXXV
XXXII	XXI	XLII	XLVII	XXII	XLV	IX	XXVII	XXXI
XXXIX	XXXII	XLII	XLIX	XXX	XLIV	III	XXXII	XL

## 10. Rounding to the nearest 10, 100 and 1000

3764	rounded to the nearest 100	is 1990
5250	rounded to the nearest 10	is 3800
3004	rounded to the nearest 100	is 3000
1985	rounded to the nearest 1000	is 5300
2340	rounded to the nearest 10	is 2000
5350	rounded to the nearest 1000	is 5000
4840	rounded to the nearest 1000	is 6000
5500	rounded to the nearest 10	is 5200
5004	rounded to the nearest 1000	is 4800
4499	rounded to the nearest 100	is 4000
5150	rounded to the nearest 10	is 5000
4765	rounded to the nearest 100	is 4770
8634	rounded to the nearest 10	is 9000
7462	rounded to the nearest 1000	is 7460
7520	rounded to the nearest 100	is 8900
8995	rounded to the nearest 10	is 7500
7467	rounded to the nearest 100	is 9000
8940	rounded to the nearest 1000	is 8000