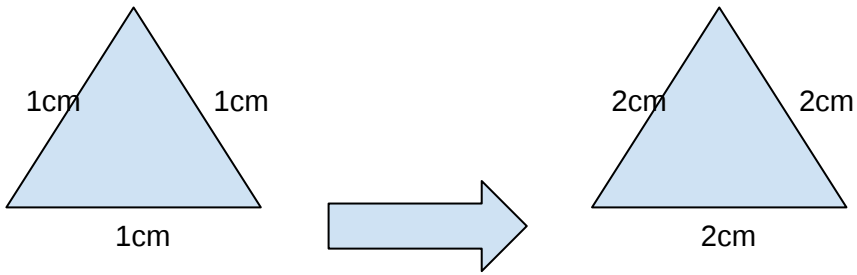
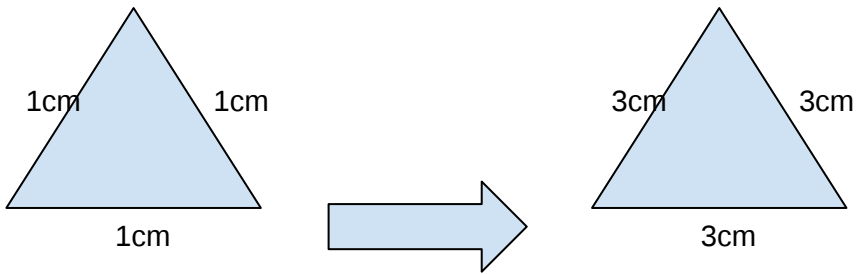


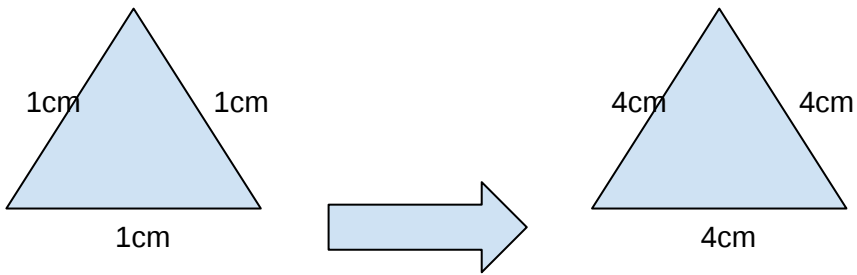
1 Work out the scale factor of each enlargement:



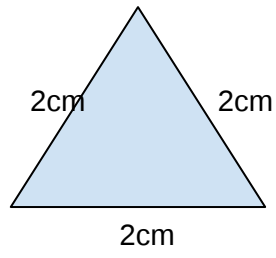
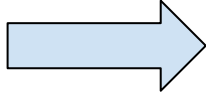
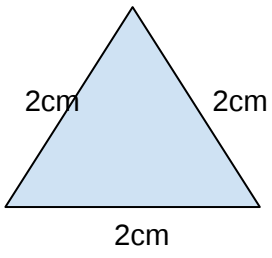
Scale factor:



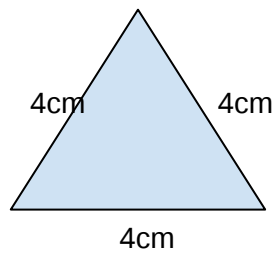
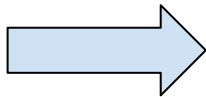
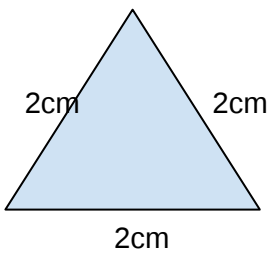
Scale factor:



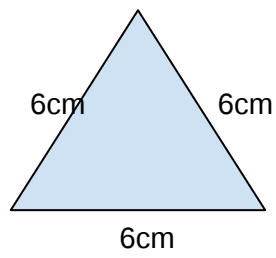
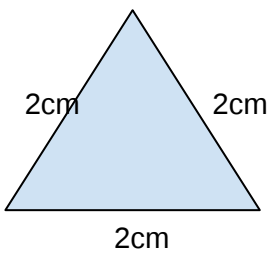
Scale factor:



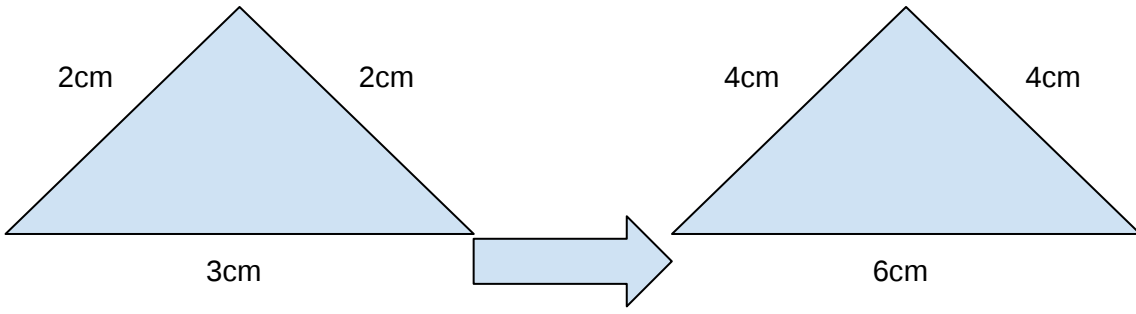
Scale factor:



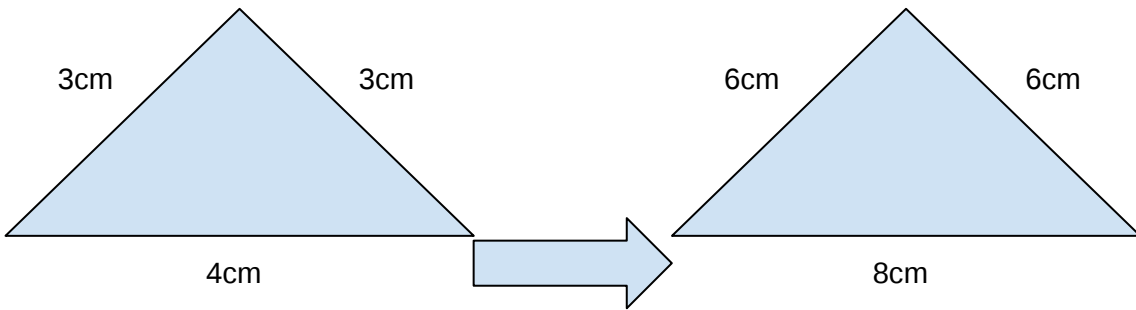
Scale factor:



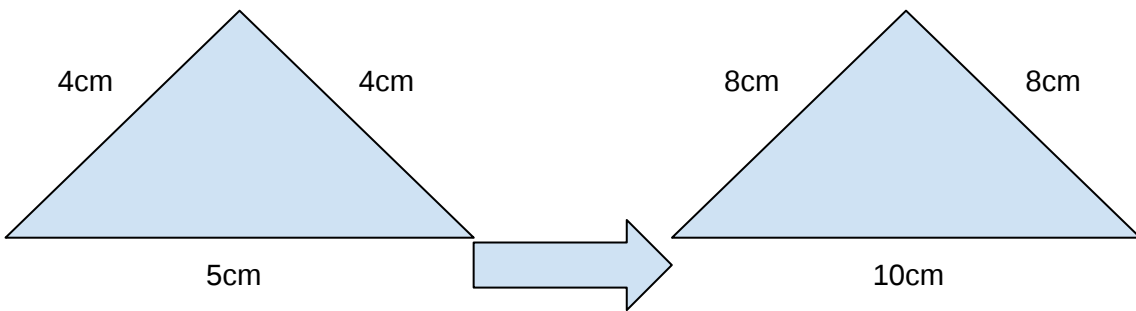
Scale factor:



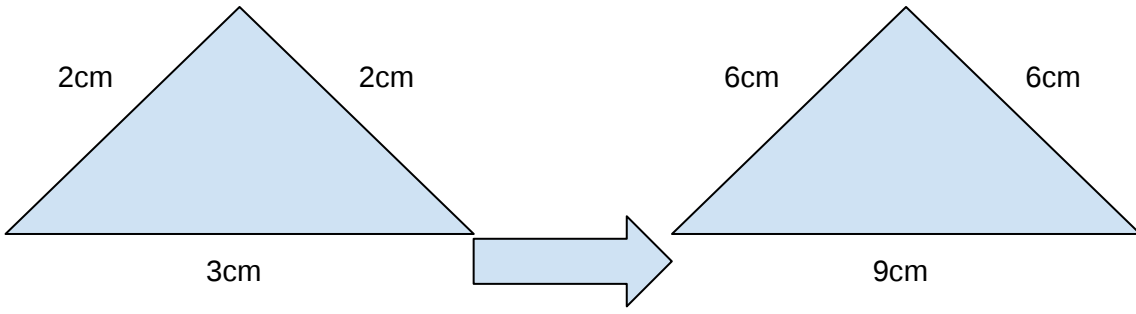
Scale factor:



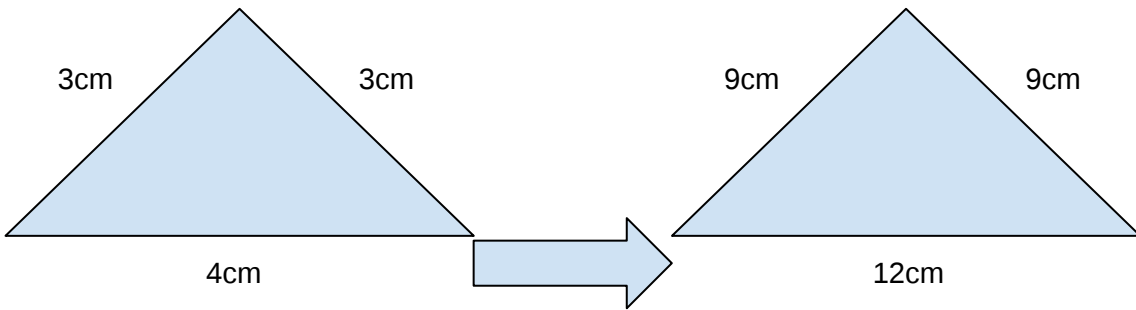
Scale factor:



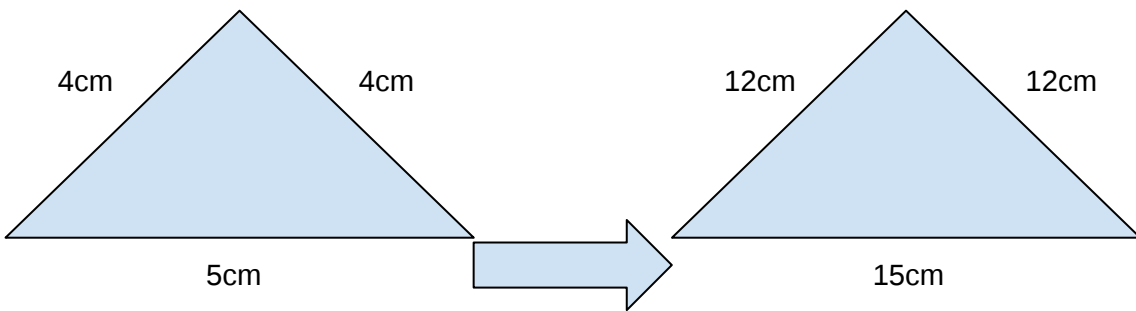
Scale factor:



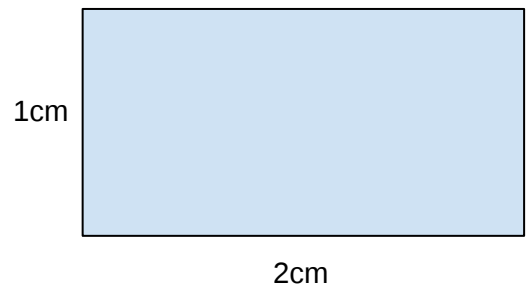
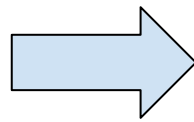
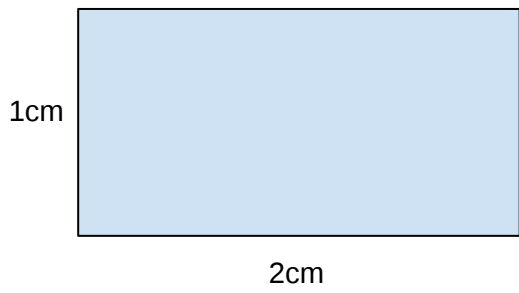
Scale factor:



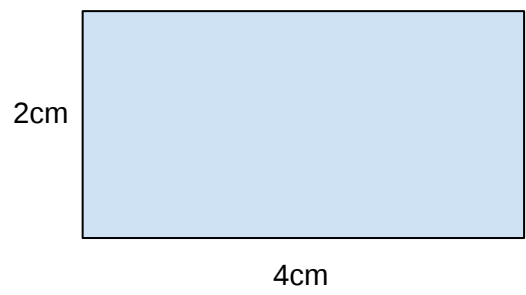
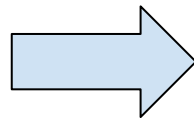
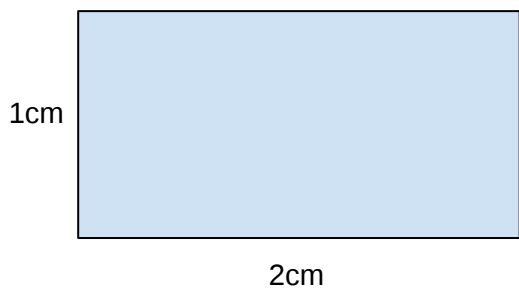
Scale factor:



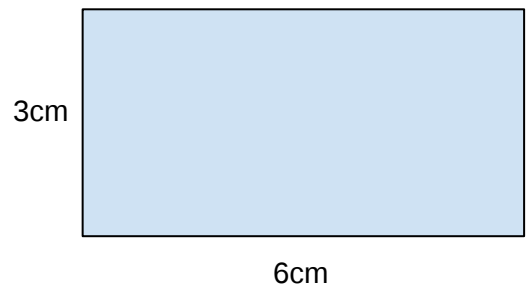
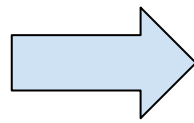
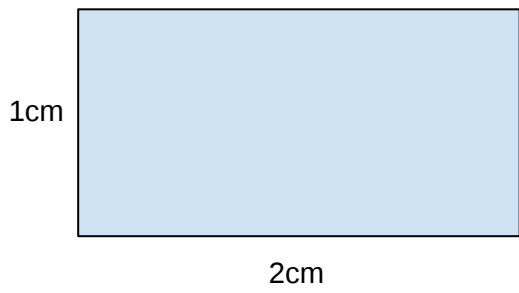
Scale factor:



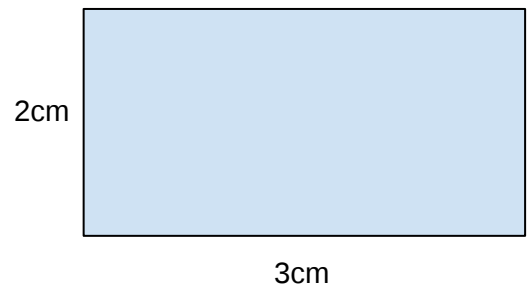
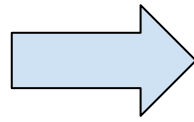
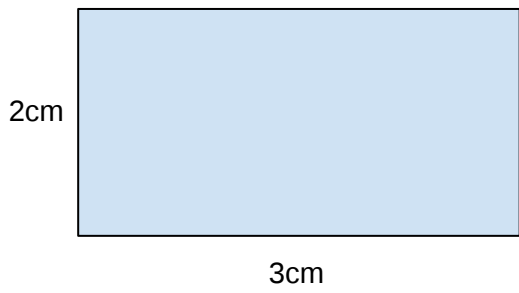
Scale factor:



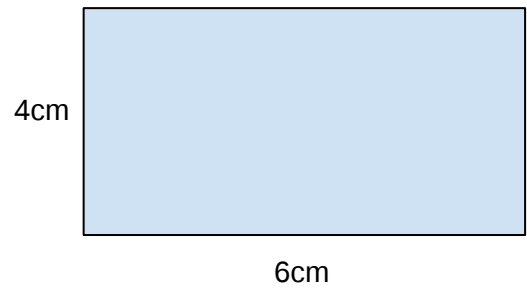
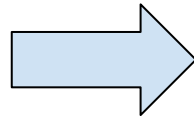
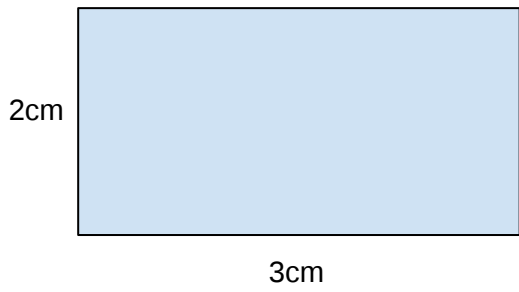
Scale factor:



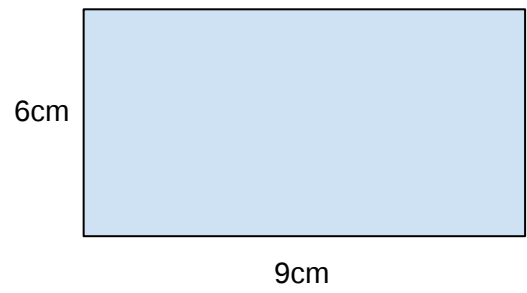
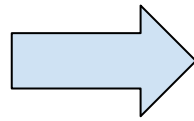
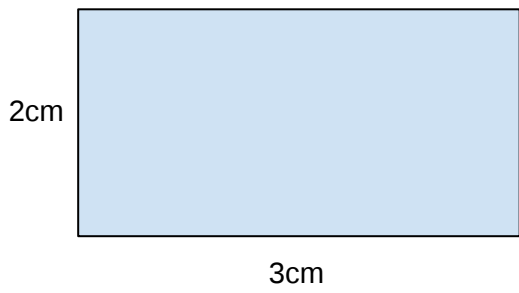
Scale factor:



Scale factor:

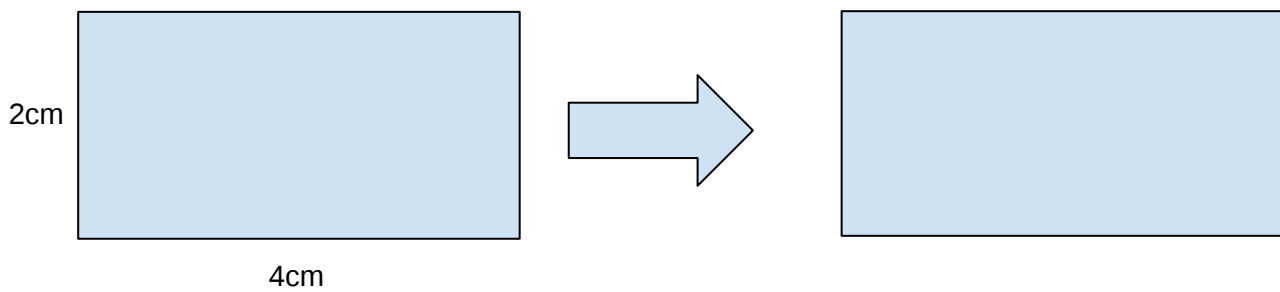
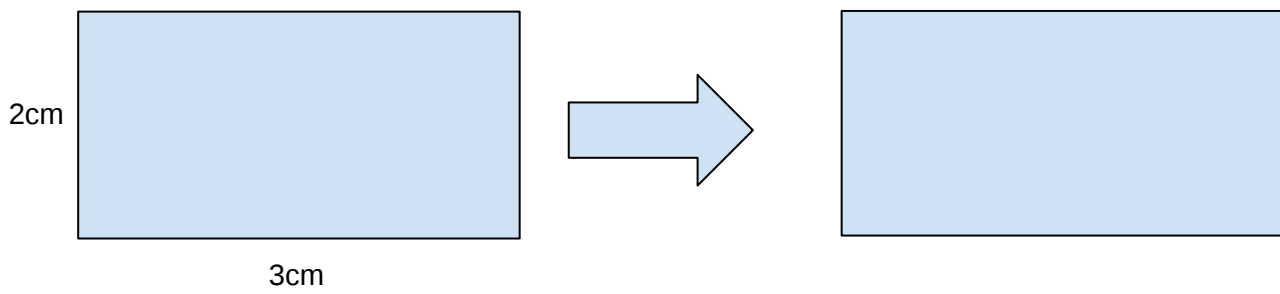
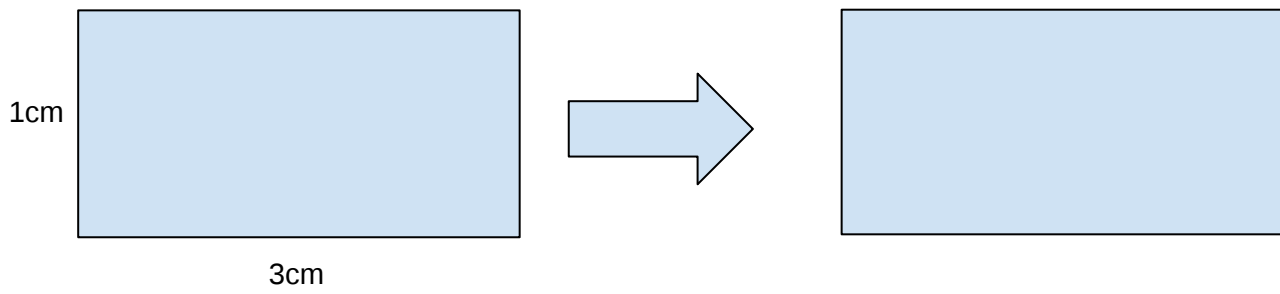
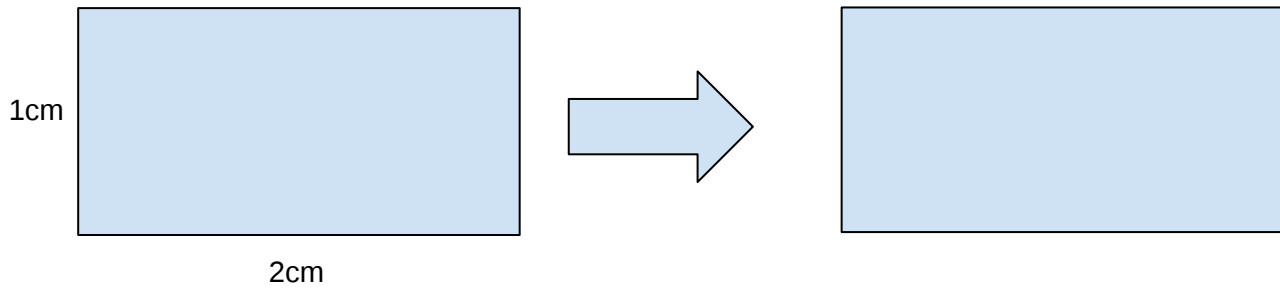


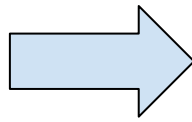
Scale factor:



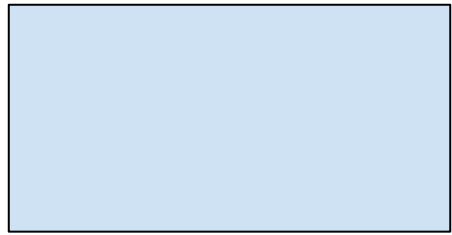
Scale factor:

2. The scale factor of each enlargement is 2. Work out the missing lengths:

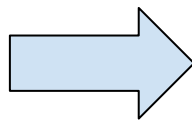




2cm



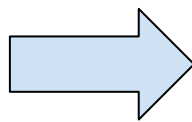
4cm



2cm



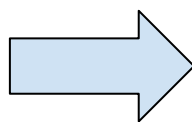
6cm



4cm



6cm



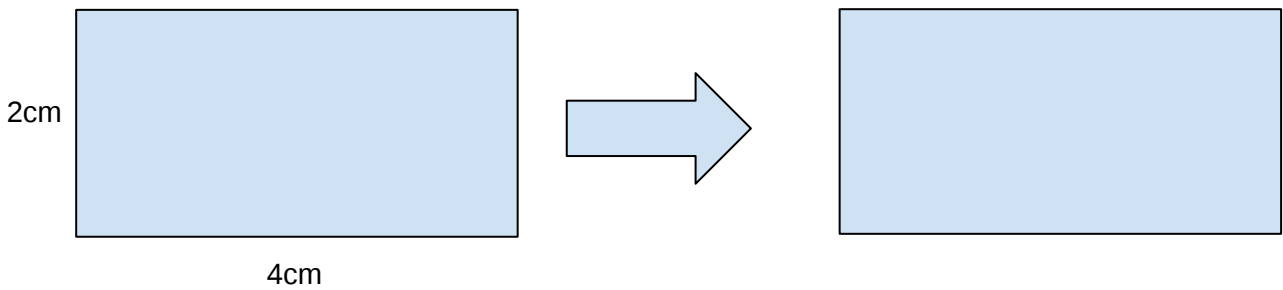
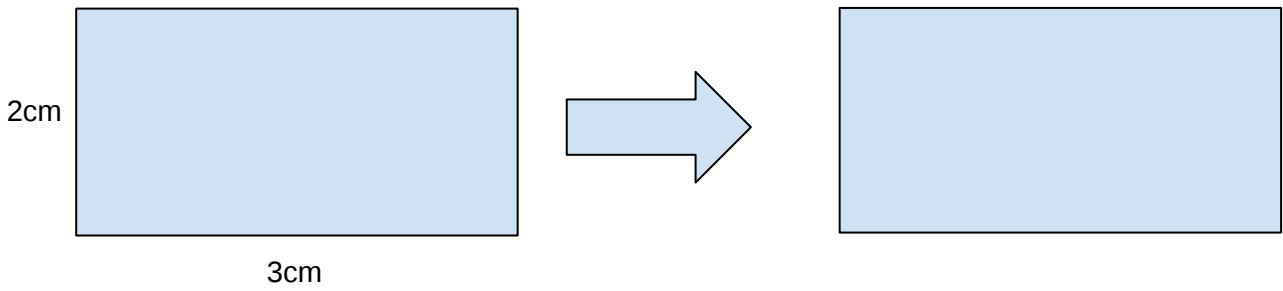
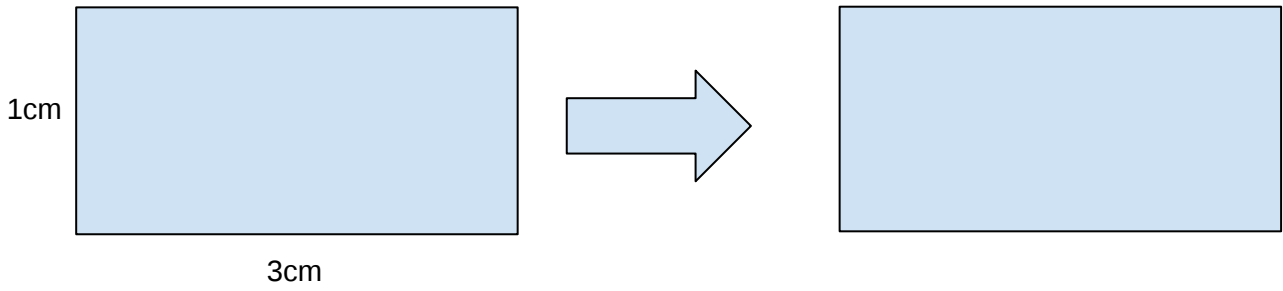
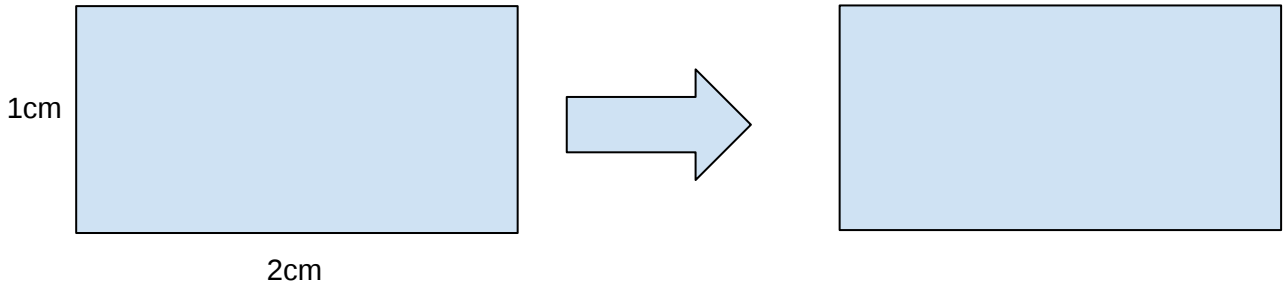
4cm

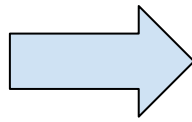


8cm

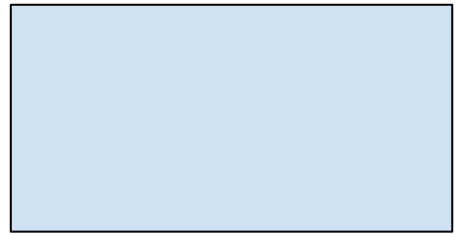


3. The scale factor of each enlargement is 3. Work out the missing lengths:

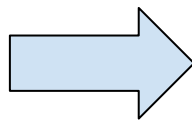




3cm



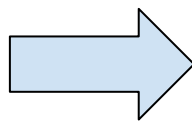
6cm



6cm



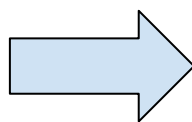
9cm



9cm



12cm

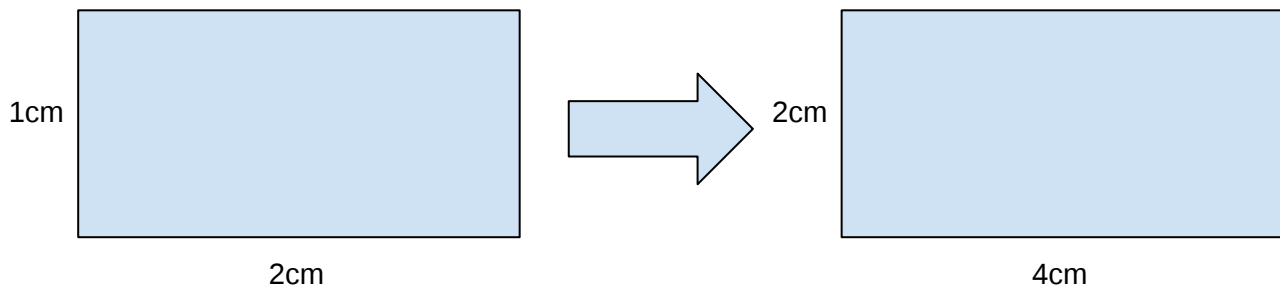


6cm

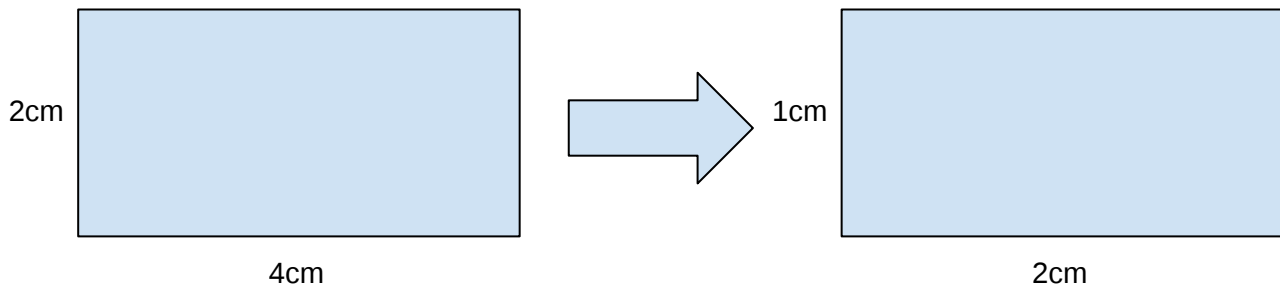


15cm

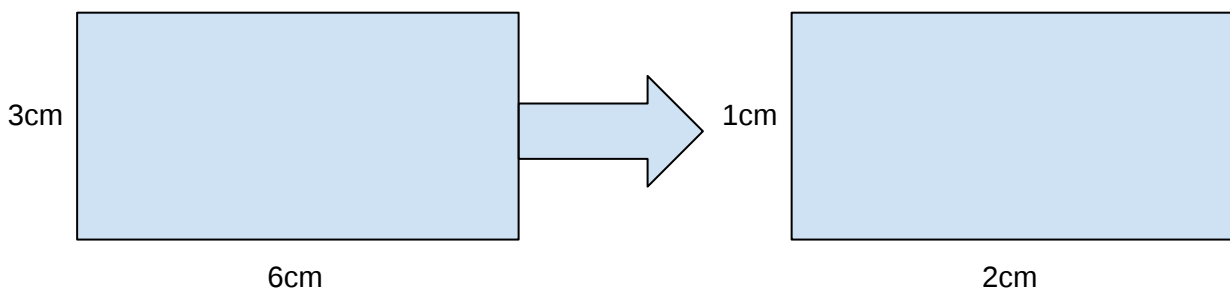
4. Work out the scale factor of each enlargement.



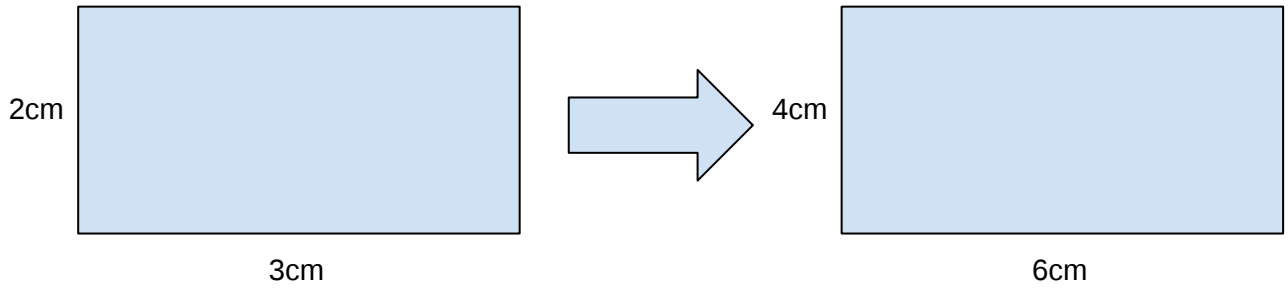
Scale factor:



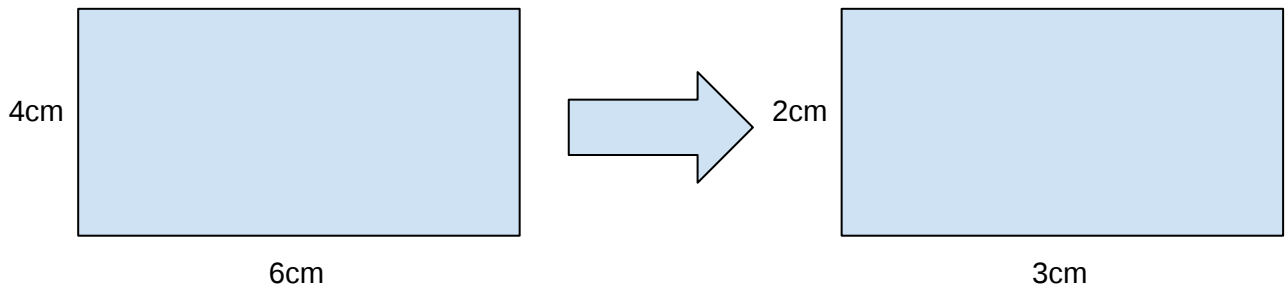
Scale factor:



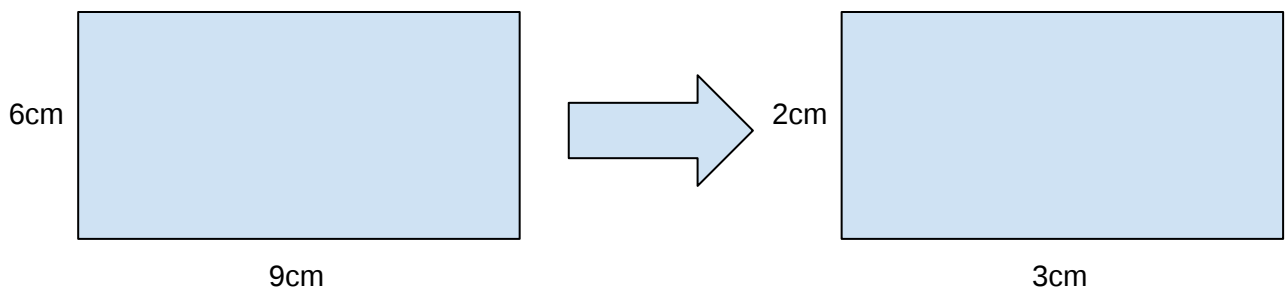
Scale factor:



Scale factor:

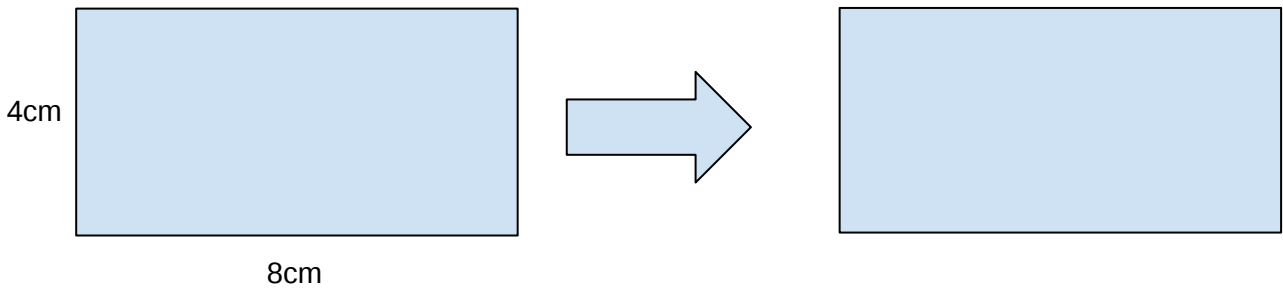
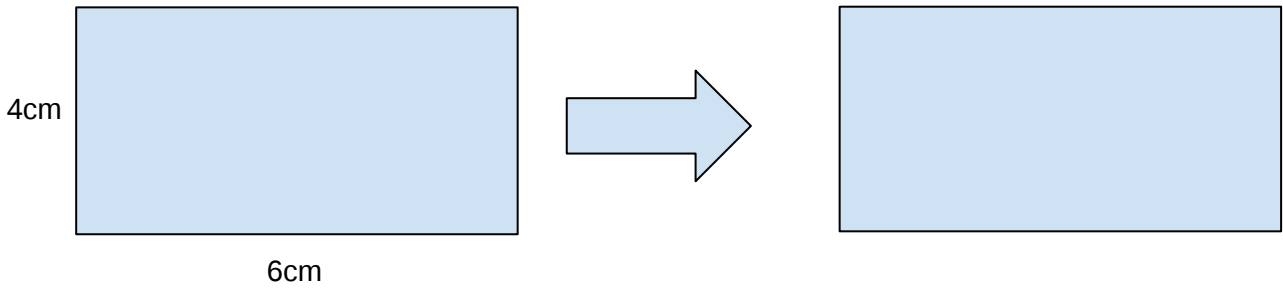
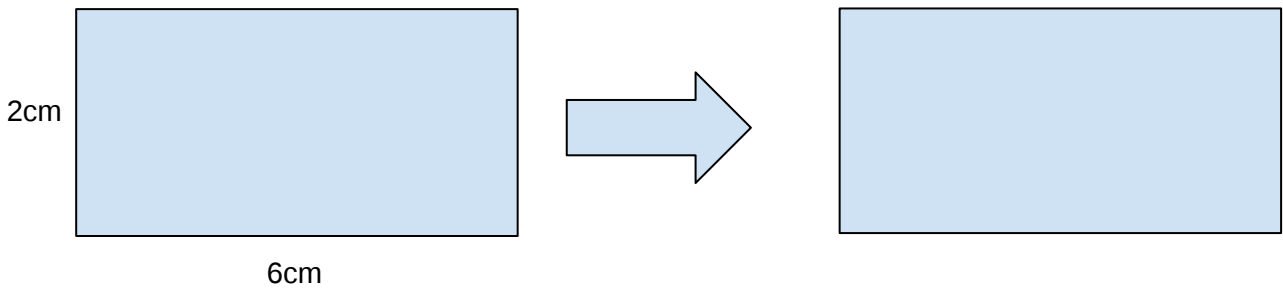
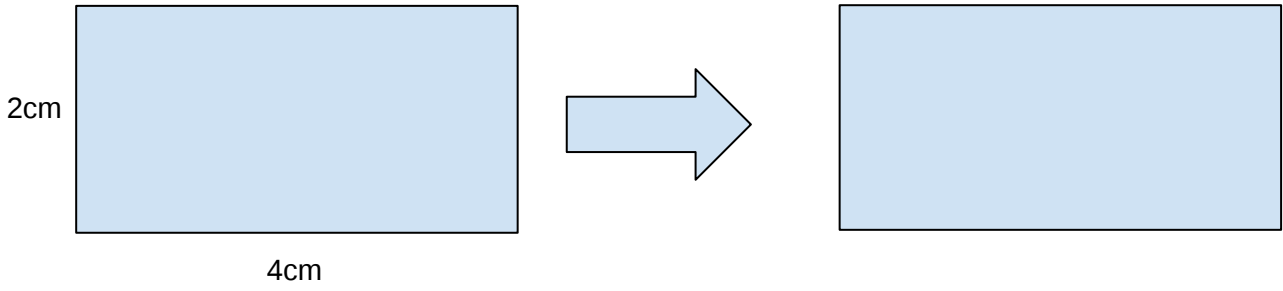


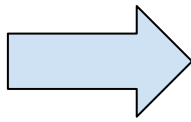
Scale factor:



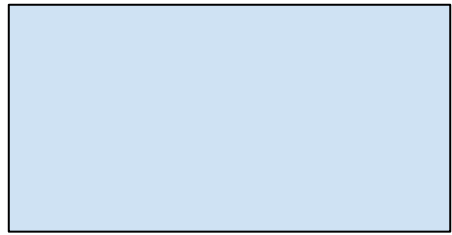
Scale factor:

5. The scale factor of each enlargement is  $\frac{1}{2}$ . Work out the missing lengths:

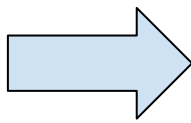




1cm



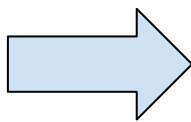
2cm



1cm



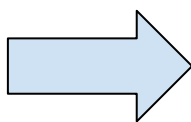
3cm



2cm



3cm

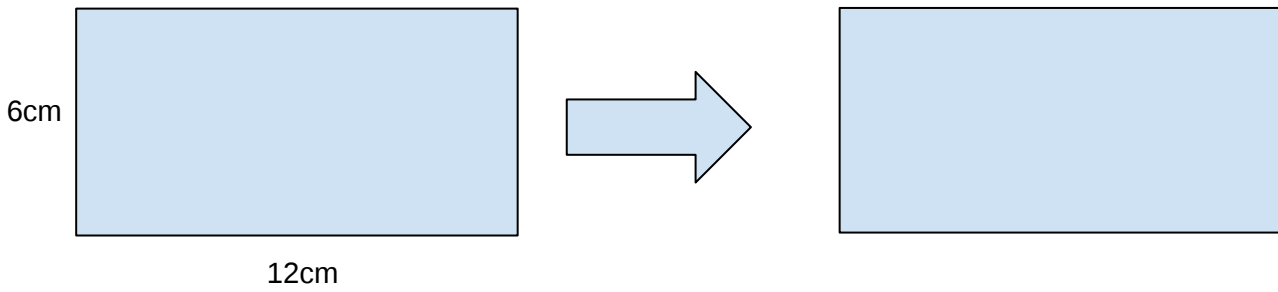
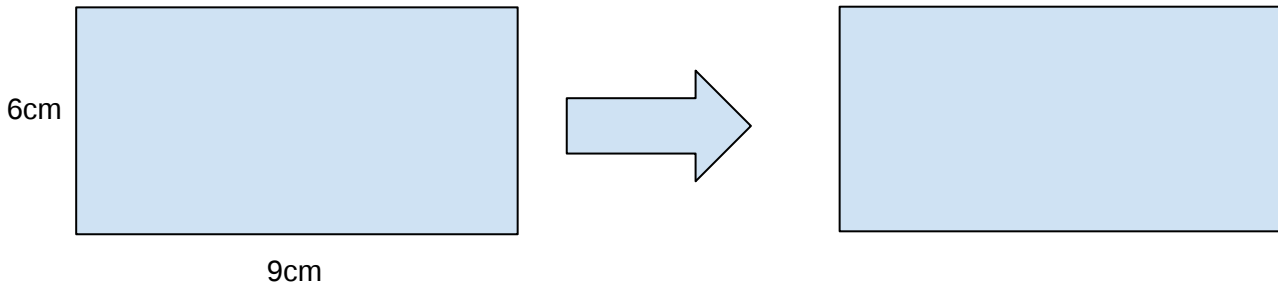
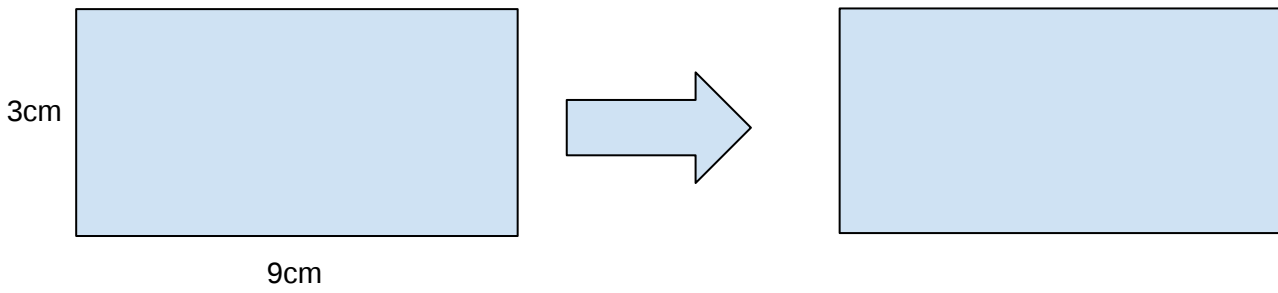
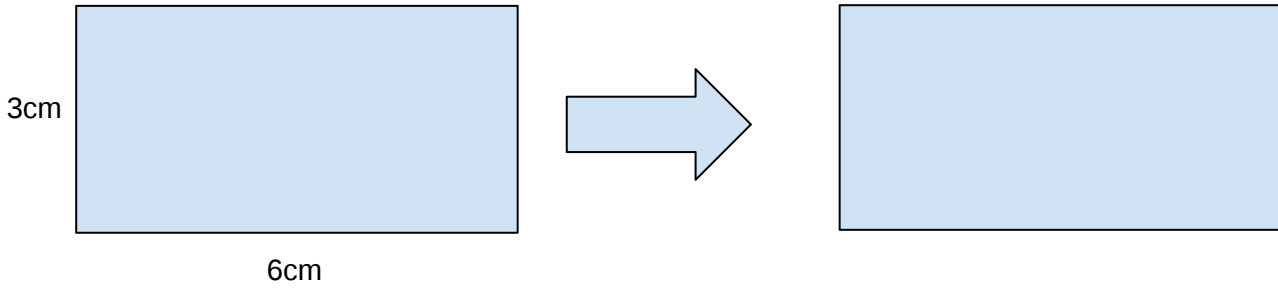


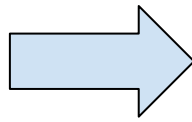
2cm



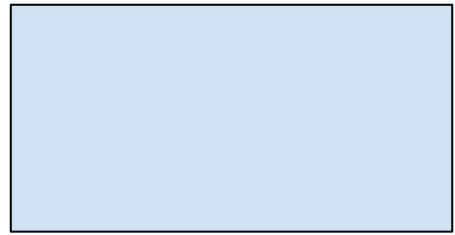
4cm

6. The scale factor of each enlargement is  $\frac{1}{3}$ . Work out the missing lengths:

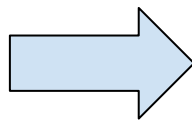




1cm



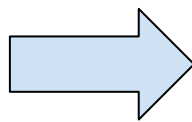
2cm



1cm



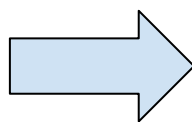
3cm



2cm



3cm



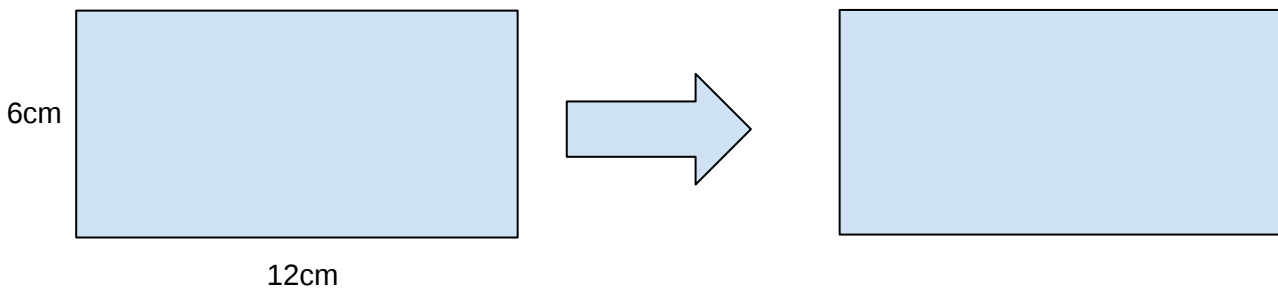
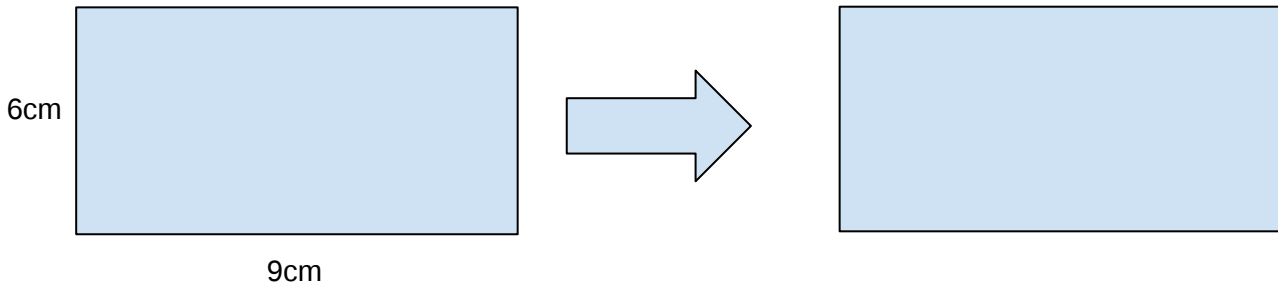
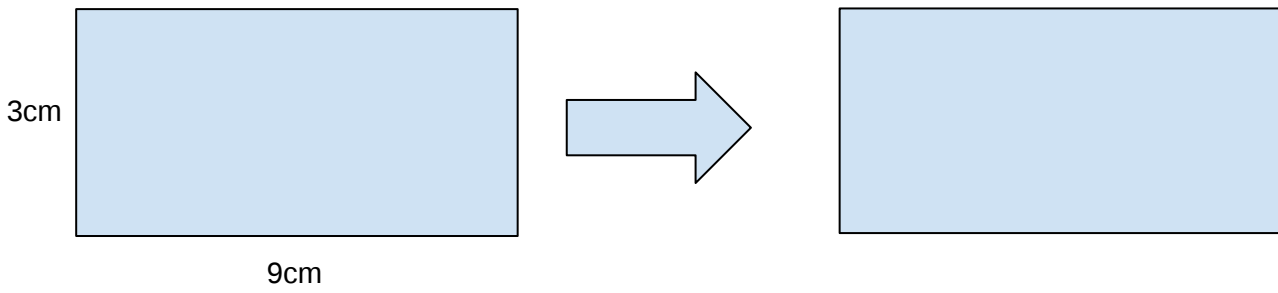
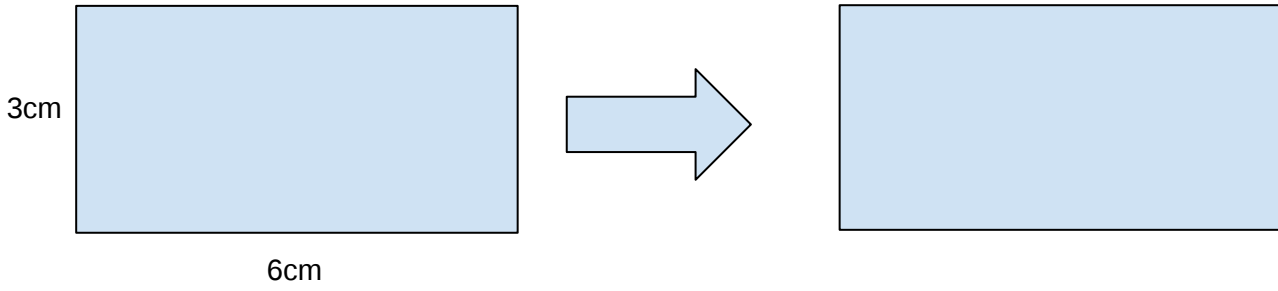
2cm

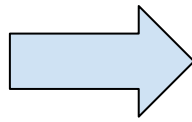


4cm

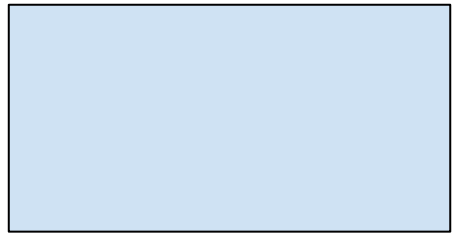


7. The scale factor of each enlargement is  $\frac{2}{3}$ . Work out the missing lengths:

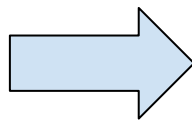




2cm



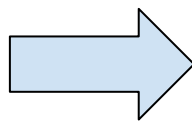
4cm



2cm



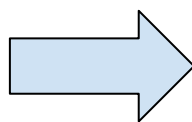
6cm



4cm



6cm

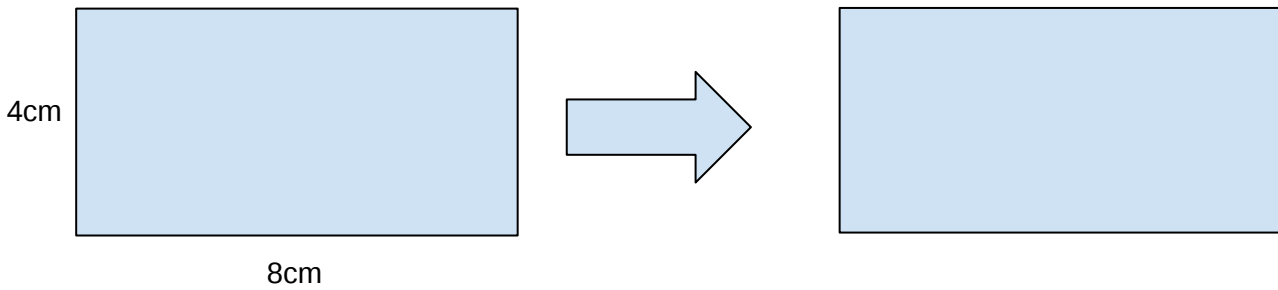
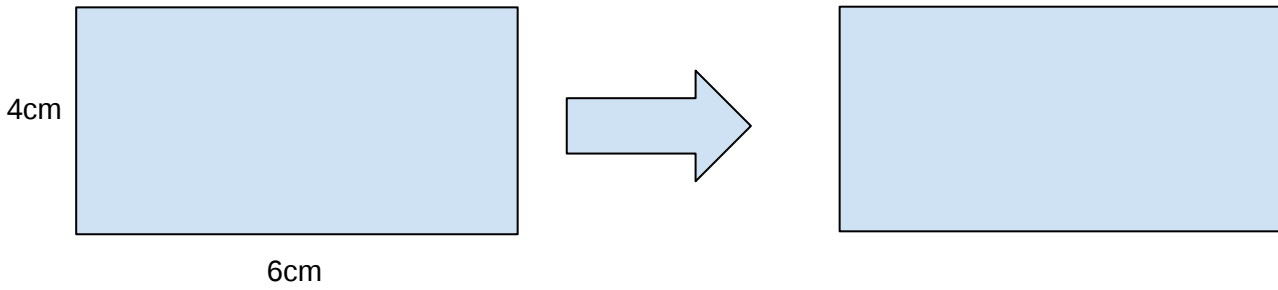
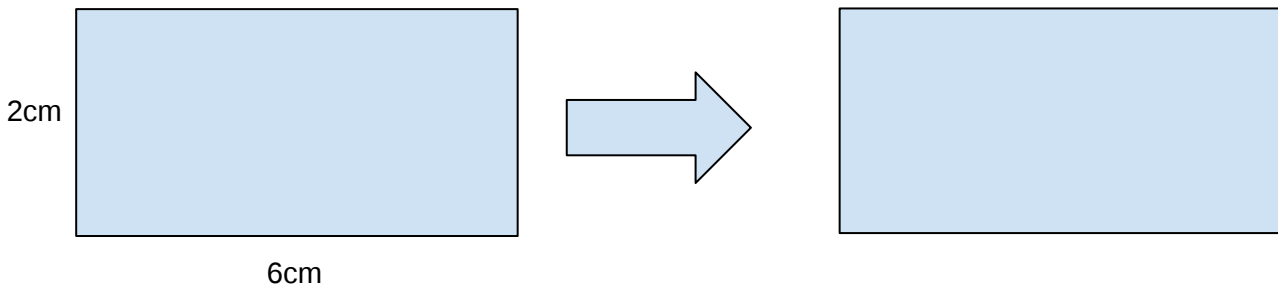
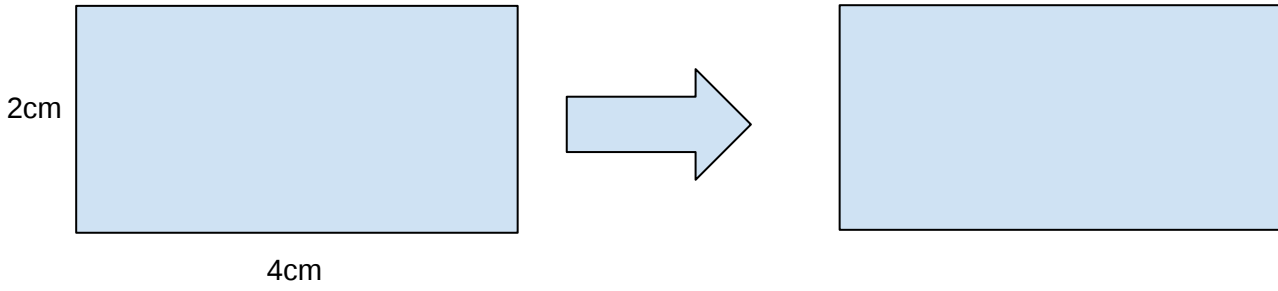


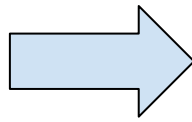
4cm



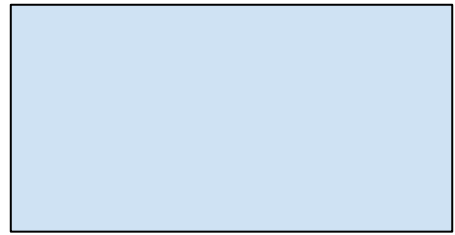
8cm

8. The scale factor of each enlargement is  $\frac{3}{2}$ . Work out the missing lengths:

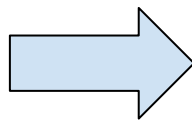




3cm



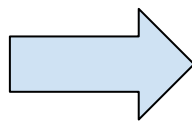
6cm



6cm



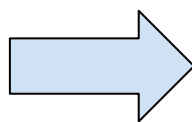
9cm



9cm



12cm



6cm



15cm

9. Complete the table:

Length of original rectangle (cm)	Width of original rectangle (cm)	Scale factor	Length of enlarged rectangle (cm)	Width of enlarged rectangle (cm)
1	1	1	1	1
1	1	2		
1	1	3		
2	1	1		
2	1	2		
2	2	1		
2	2	2		
		1	1	1
		1	2	1
		1	2	2
		2	2	2
1	1		1	
1	1		2	
2	1		2	
2	1		4	
1	1			1
1	1			2
2	1			1
2	2			2

10. Complete the table:

Length of original rectangle (cm)	Width of original rectangle (cm)	Scale factor	Length of enlarged rectangle (cm)	Width of enlarged rectangle (cm)
1	1	$\frac{1}{1}$	1	1
2	2	$\frac{1}{2}$		
3	3	$\frac{1}{3}$		
2	1	$\frac{1}{1}$		
4	2	$\frac{1}{2}$		
6	3	$\frac{1}{3}$		
9	6	$\frac{1}{3}$		
		$\frac{1}{2}$	1	1
		$\frac{1}{2}$	2	1
		$\frac{1}{3}$	2	2
		$\frac{1}{3}$	2	1
2	2		1	
4	4		2	
3	3		1	
6	3		2	
6	3			1
6	6			2
9	6			2

11. Complete the table:

Length of original rectangle (cm)	Width of original rectangle (cm)	Scale factor	Length of enlarged rectangle (cm)	Width of enlarged rectangle (cm)
1	1	$\frac{2}{1}$	2	2
2	2	$\frac{2}{2}$		
3	3	$\frac{2}{3}$		
2	1	$\frac{2}{1}$		
4	2	$\frac{3}{2}$		
6	3	$\frac{2}{3}$		
8	6	$\frac{3}{2}$		
		$\frac{2}{3}$	2	2
		$\frac{2}{3}$	4	2
		$\frac{3}{2}$	3	3
		$\frac{3}{2}$	6	3
2	2		3	
4	4		6	
3	3		2	
6	3		4	
6	3			2
6	6			4
8	6			9
10	8			12

