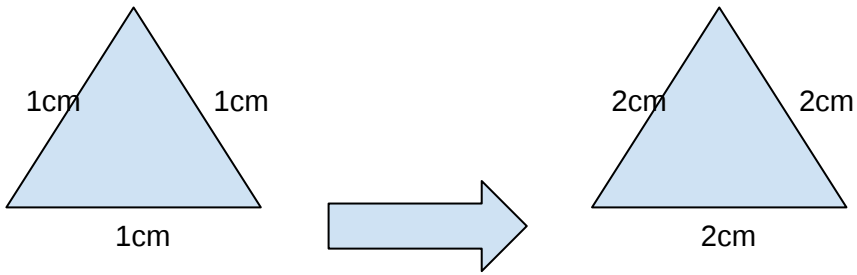
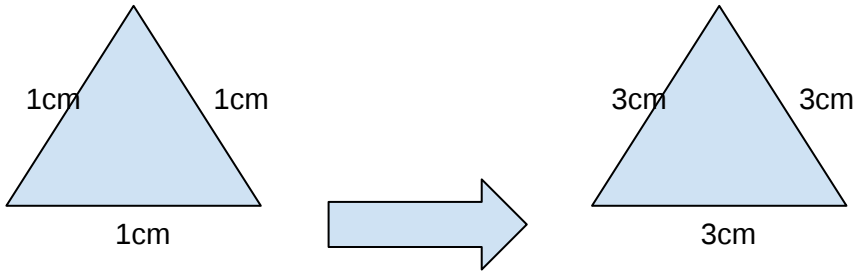


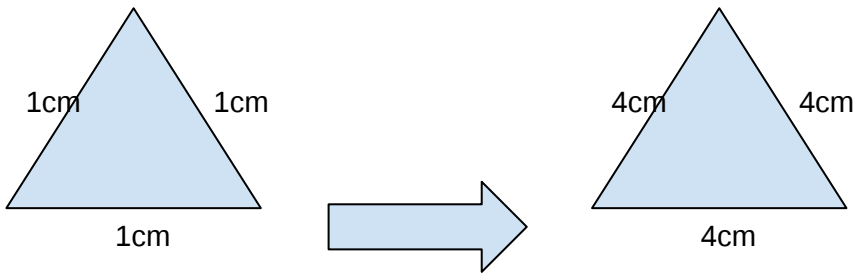
1 Work out the scale factor of each enlargement:



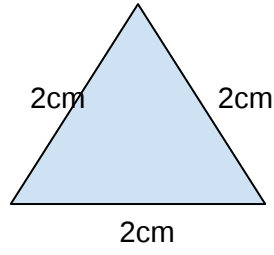
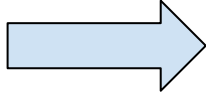
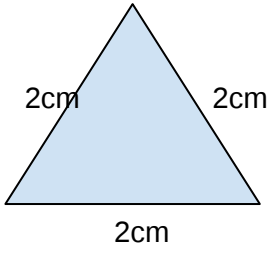
Scale factor: **2**



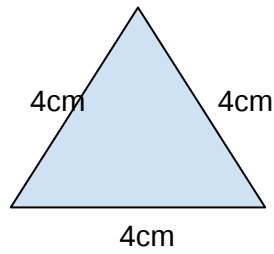
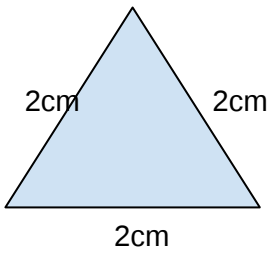
Scale factor: **3**



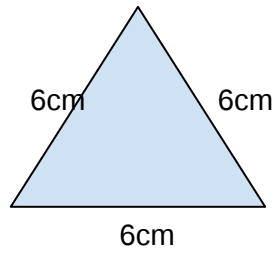
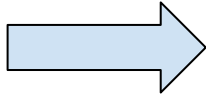
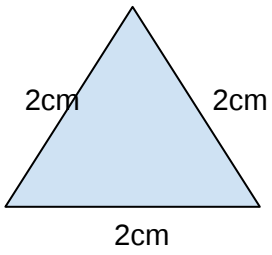
Scale factor: **4**



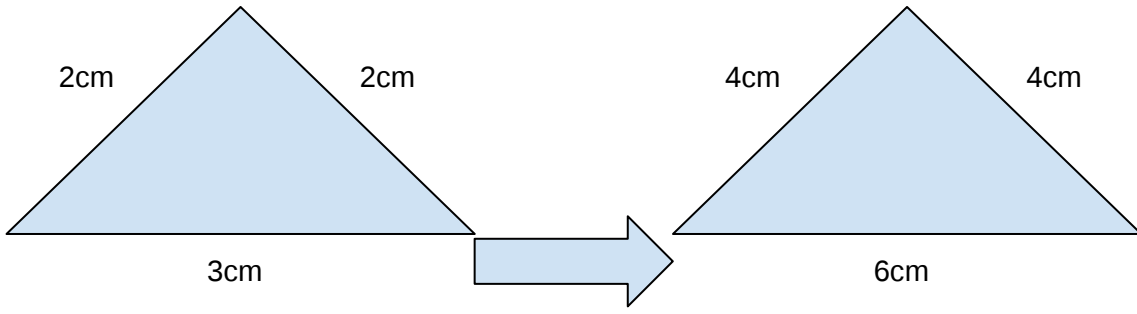
Scale factor: **1**



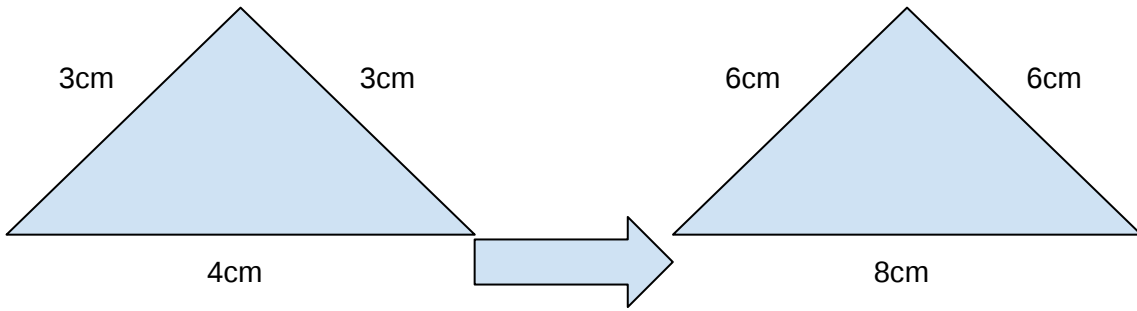
Scale factor: **2**



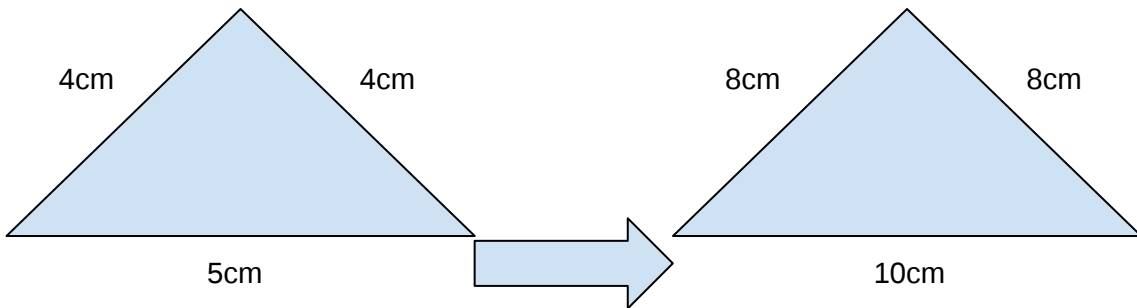
Scale factor: **3**



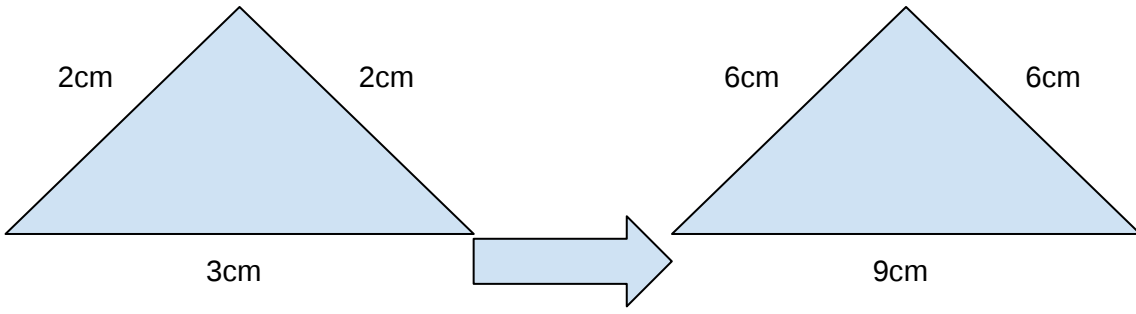
Scale factor: **2**



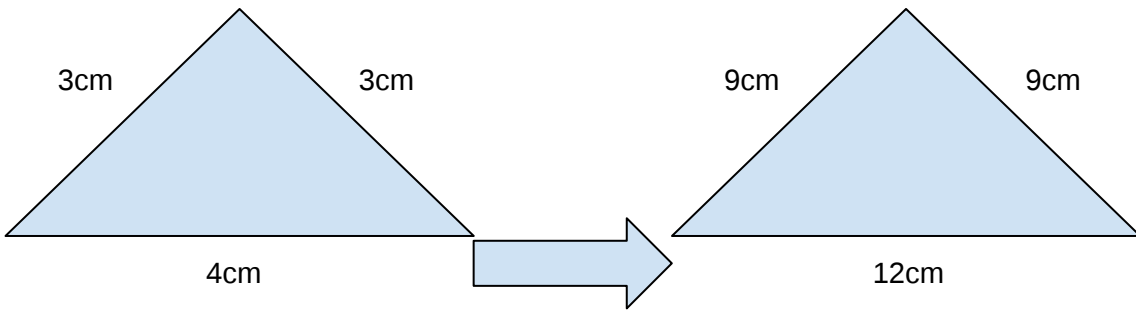
Scale factor: **2**



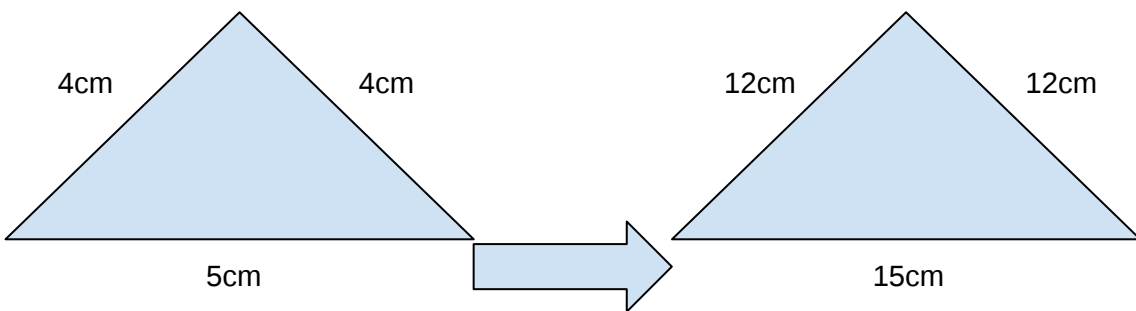
Scale factor: **2**



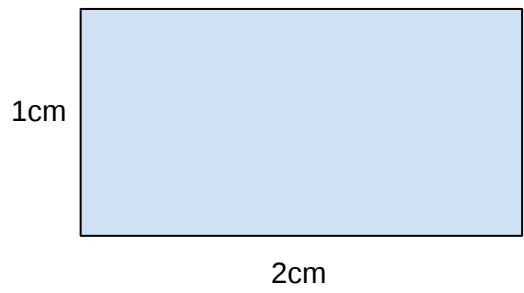
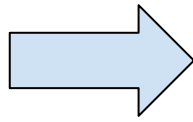
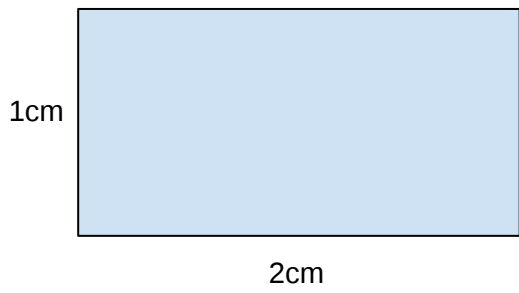
Scale factor: **3**



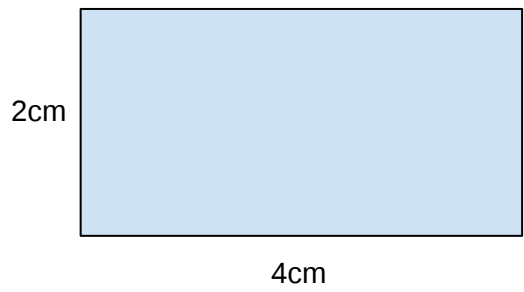
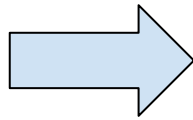
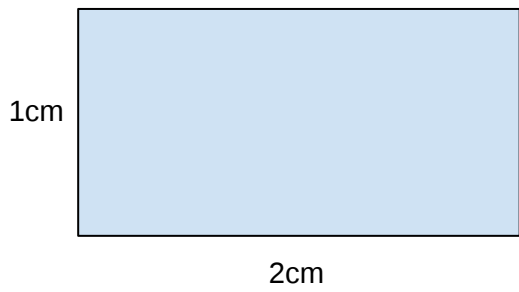
Scale factor: **3**



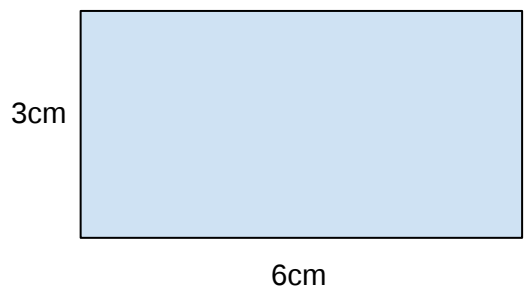
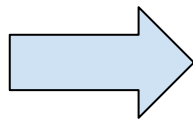
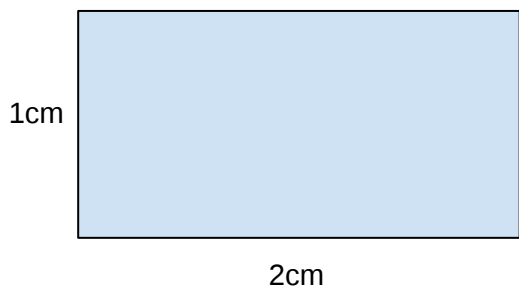
Scale factor: **3**



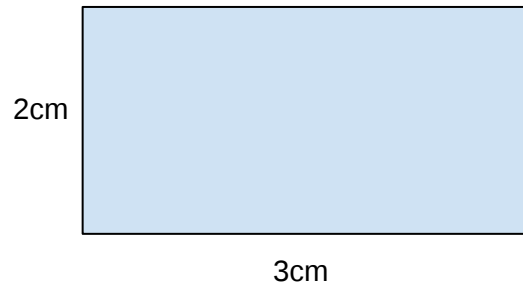
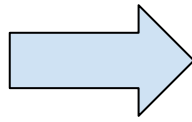
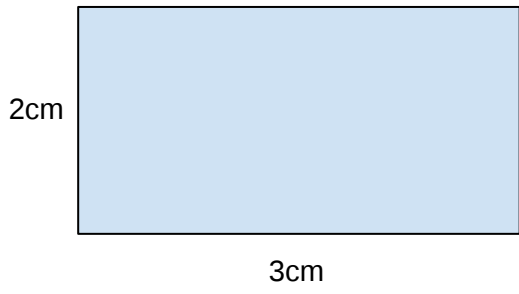
Scale factor: **1**



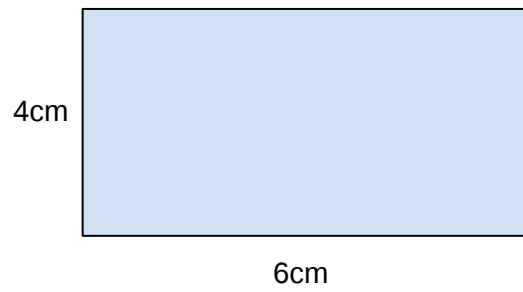
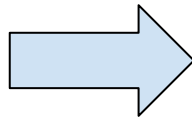
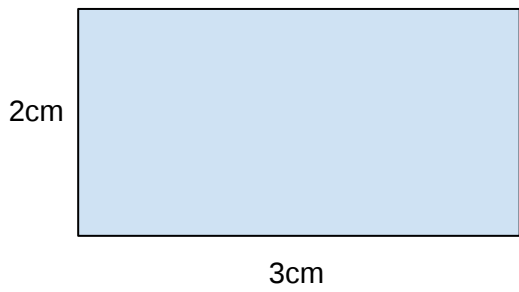
Scale factor: **2**



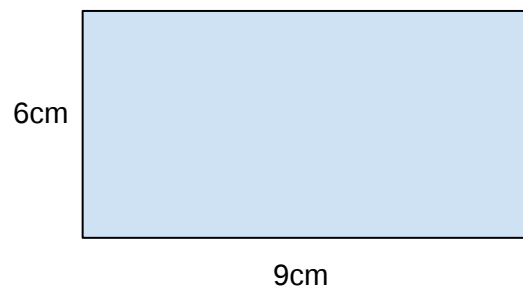
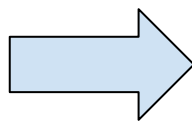
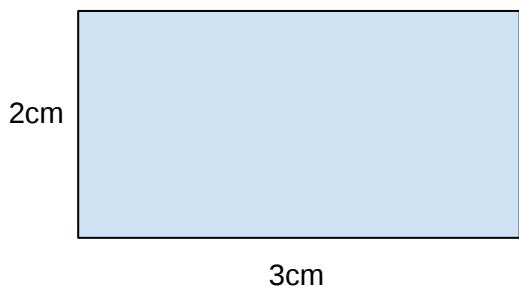
Scale factor: **3**



Scale factor: **1**

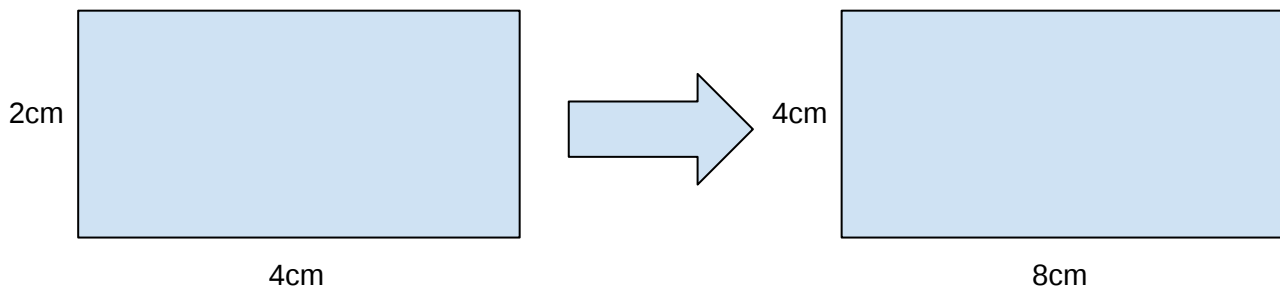
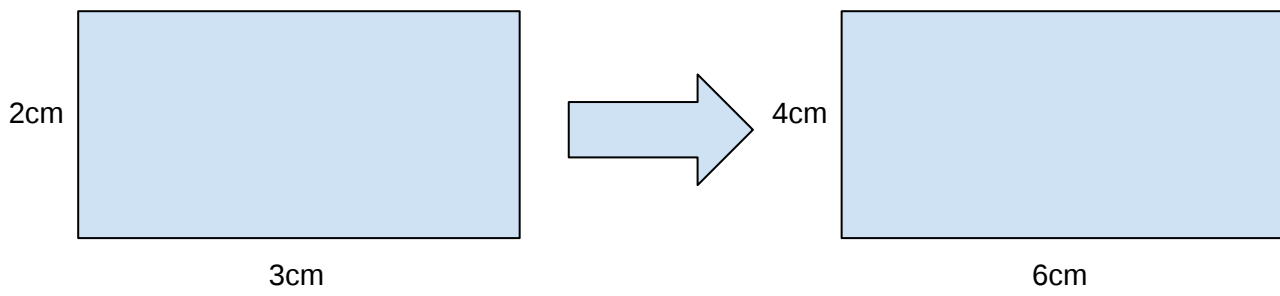
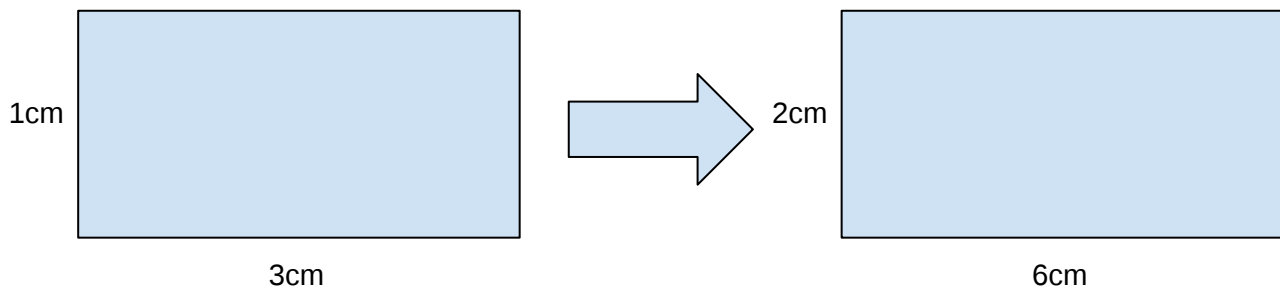
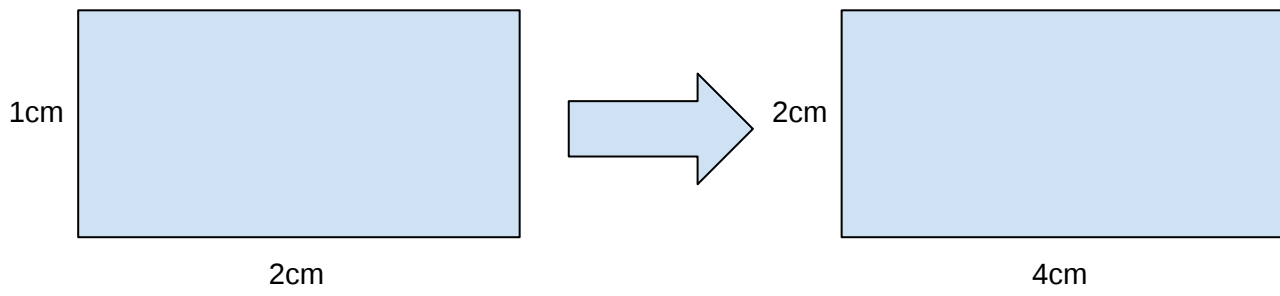


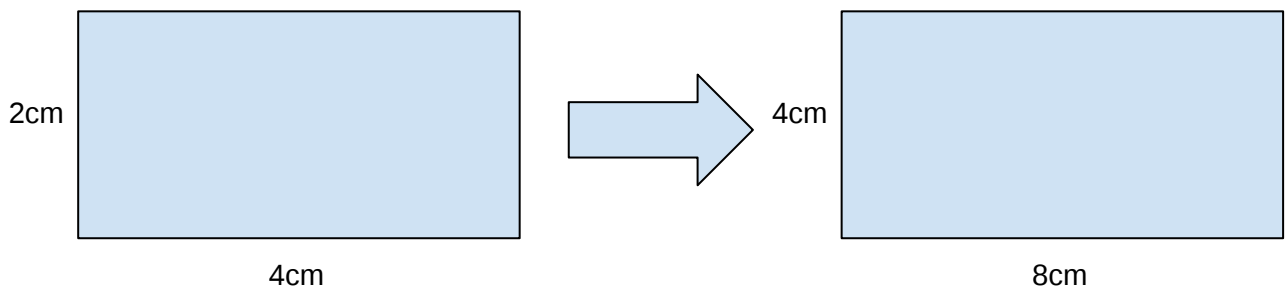
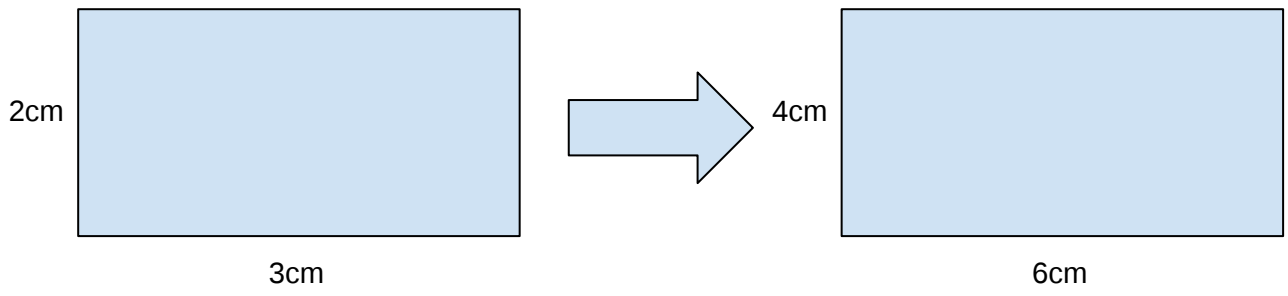
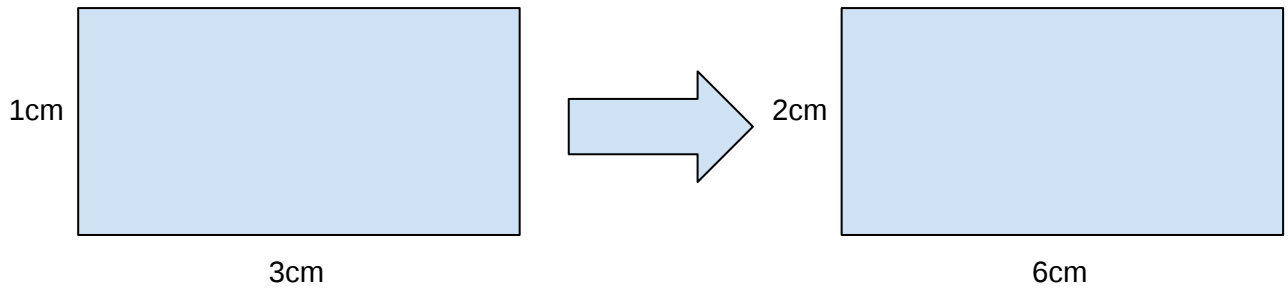
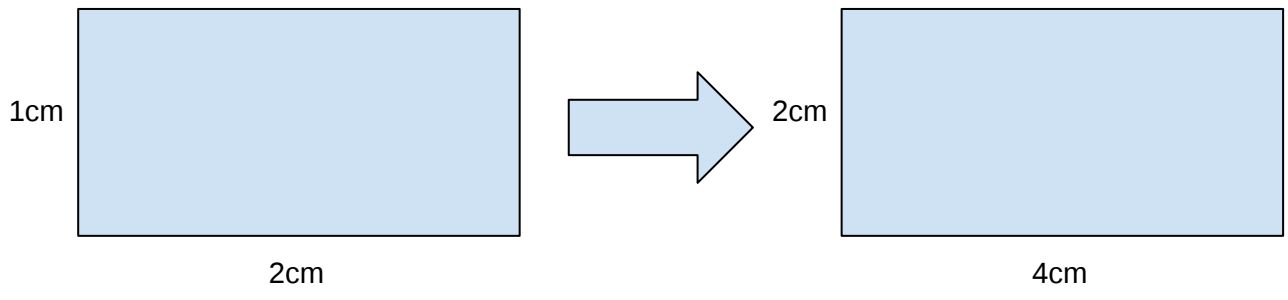
Scale factor: **2**



Scale factor: **3**

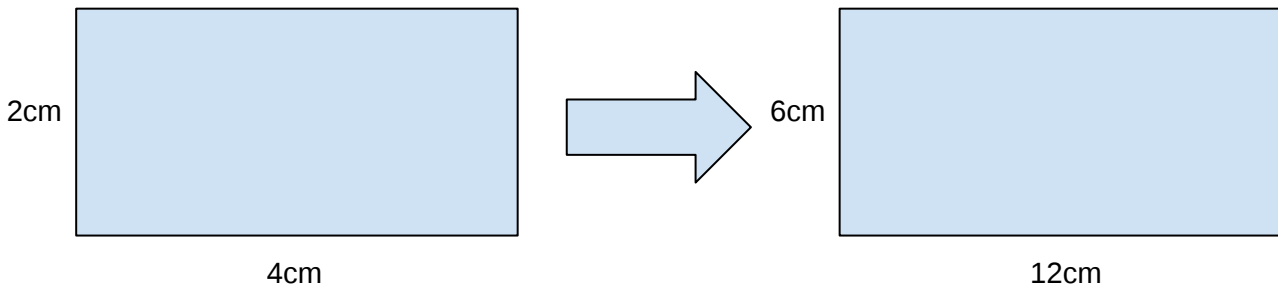
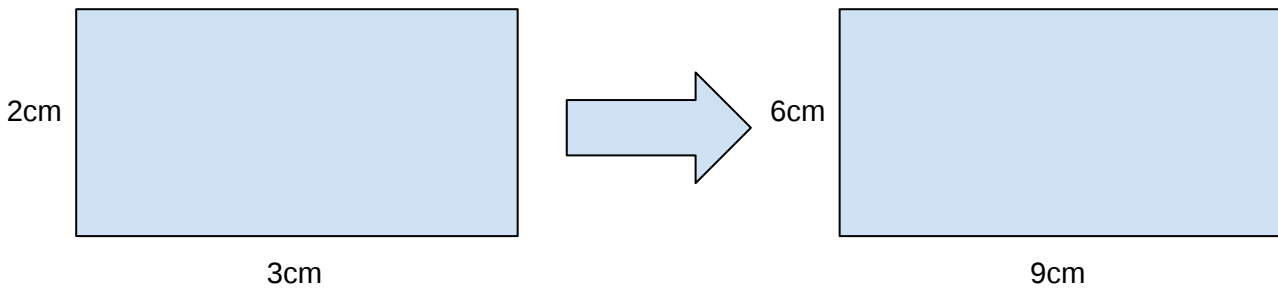
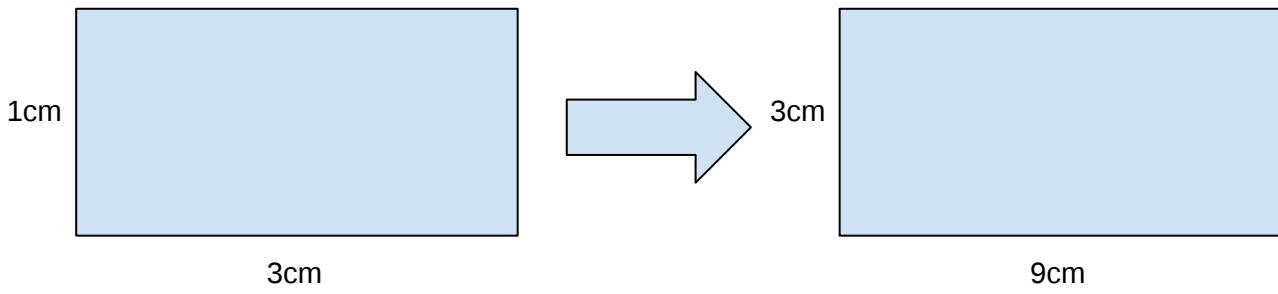
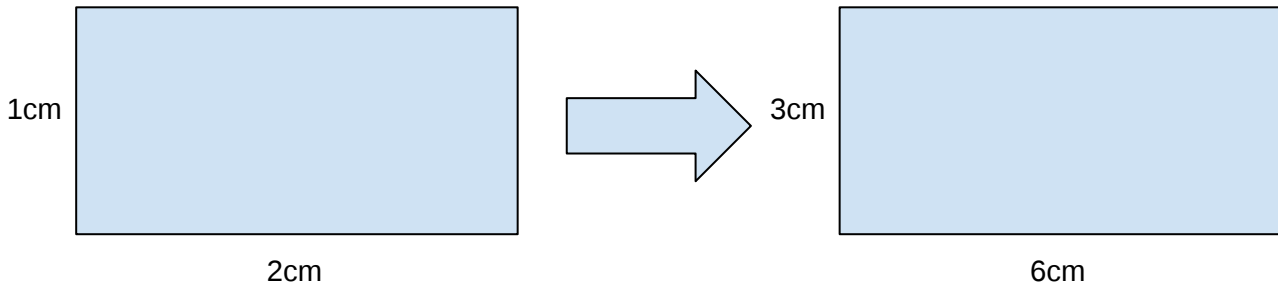
2. The scale factor of each enlargement is 2. Work out the missing lengths:

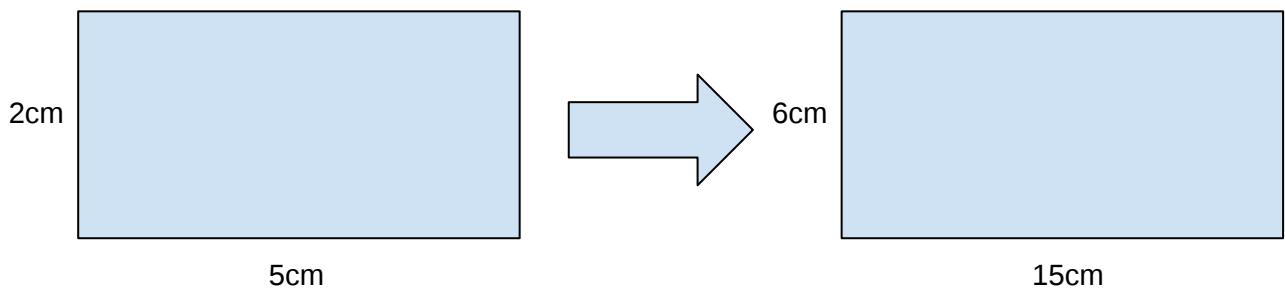
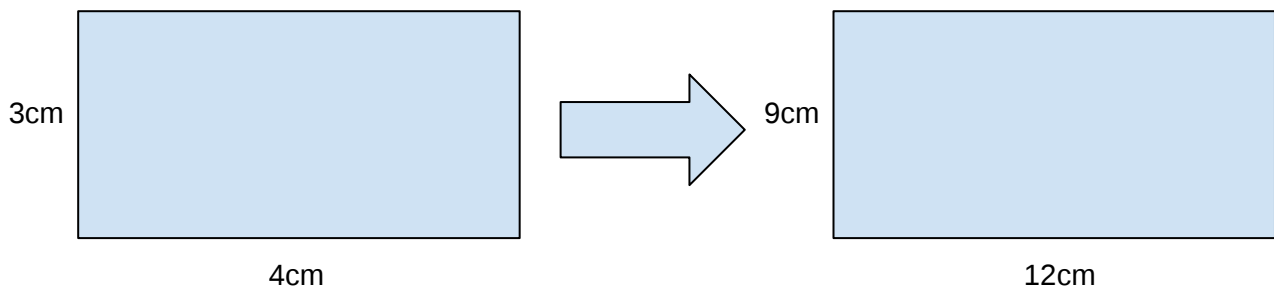
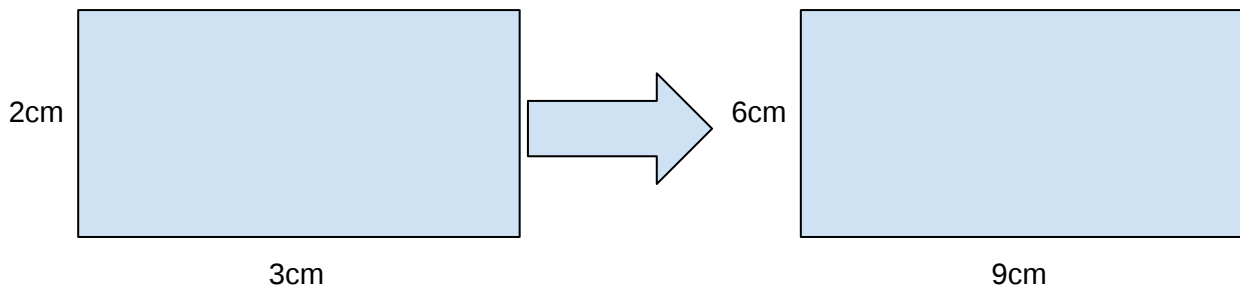
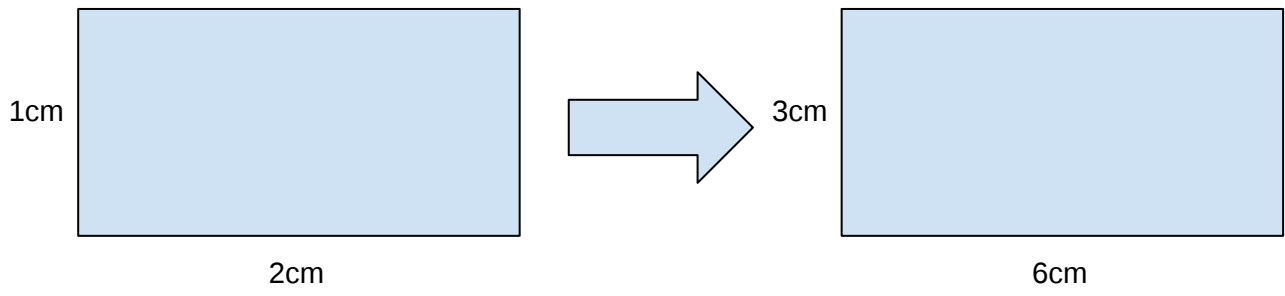




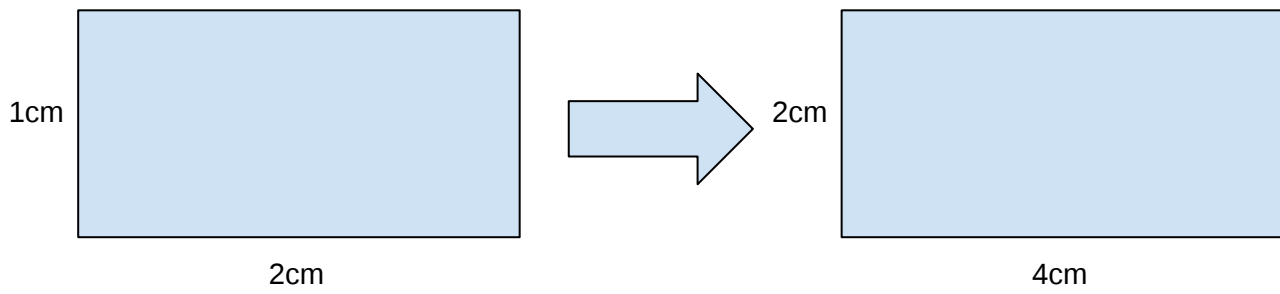


3. The scale factor of each enlargement is 3. Work out the missing lengths:

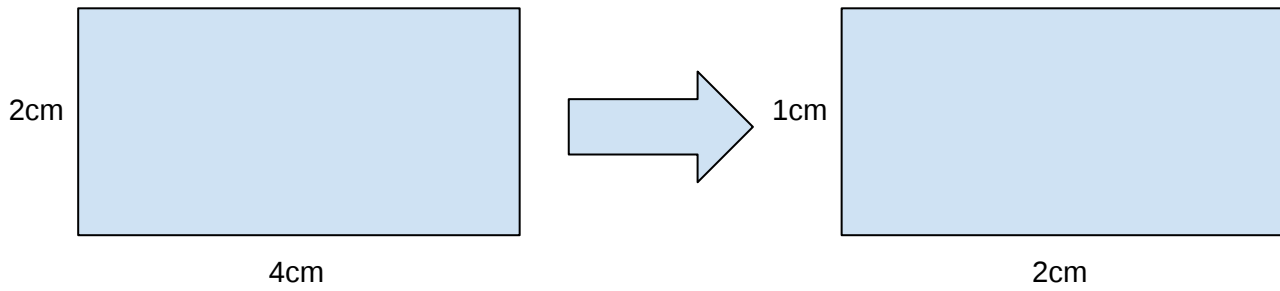




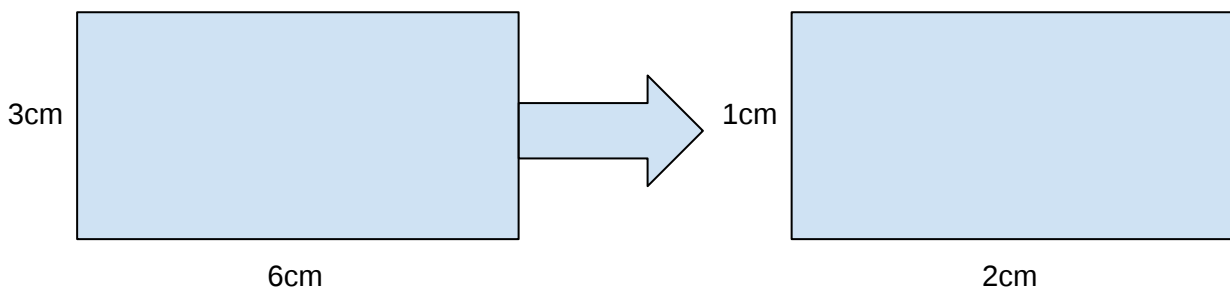
4. Work out the scale factor of each enlargement.



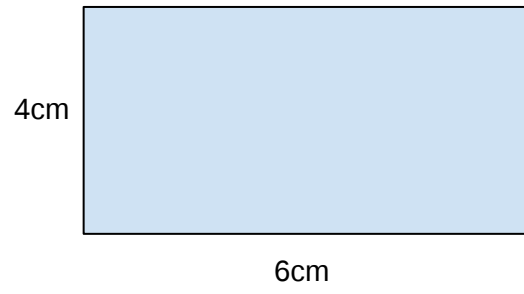
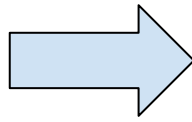
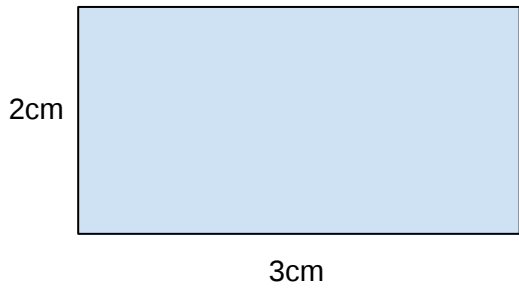
Scale factor: **2**



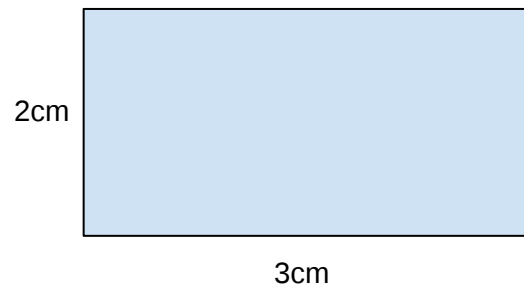
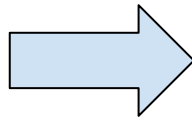
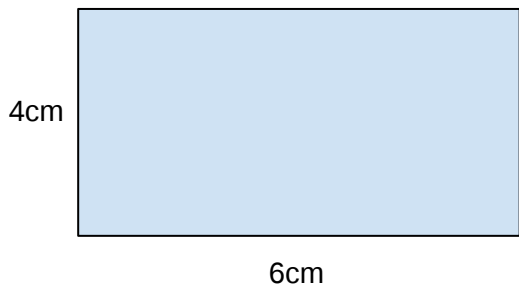
Scale factor:  $\frac{1}{2}$



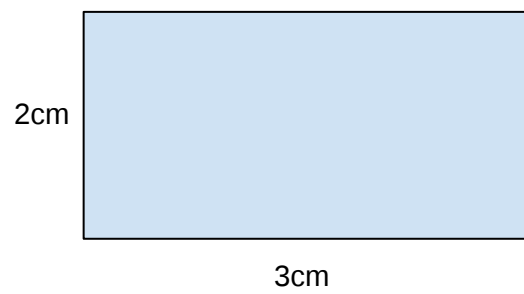
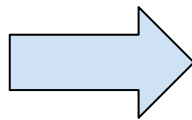
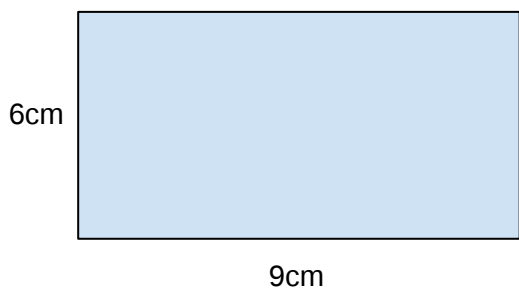
Scale factor:  $\frac{1}{3}$



Scale factor: **2**

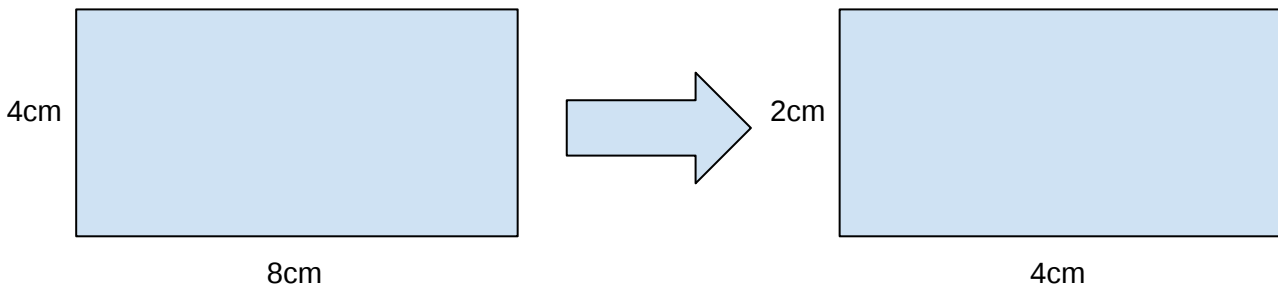
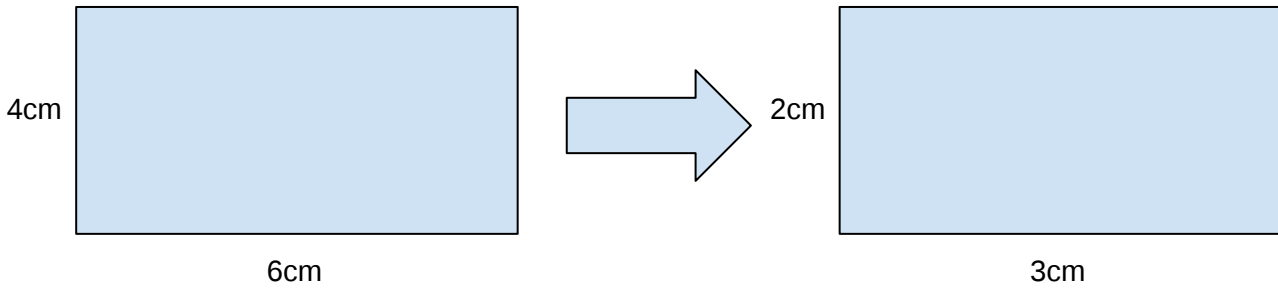
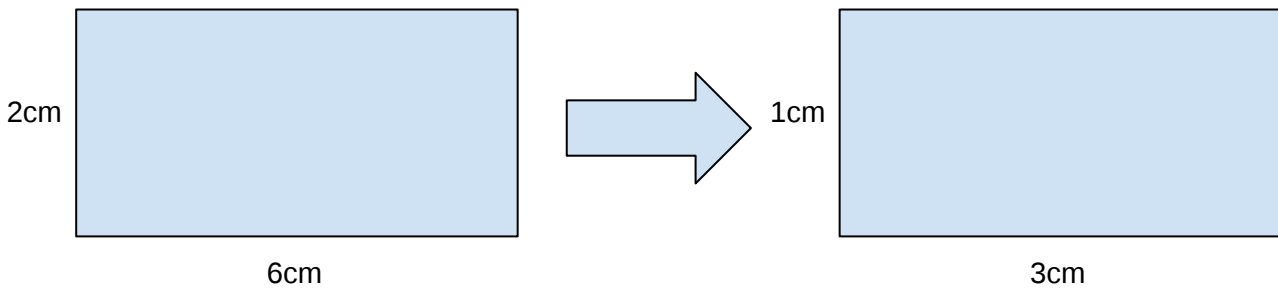
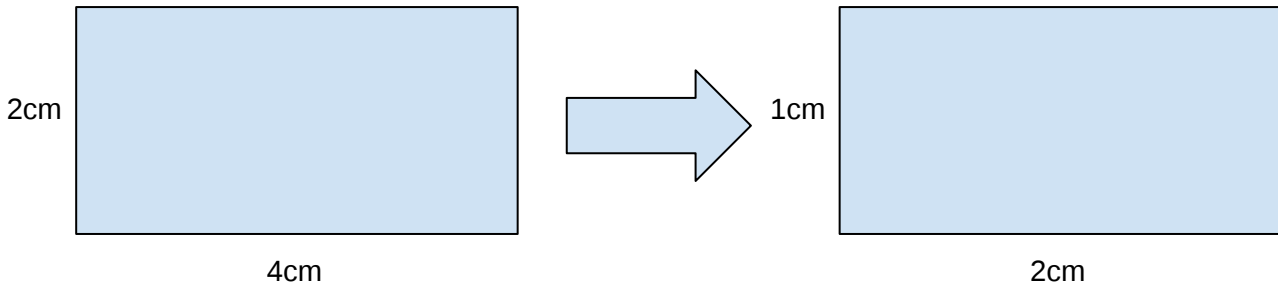


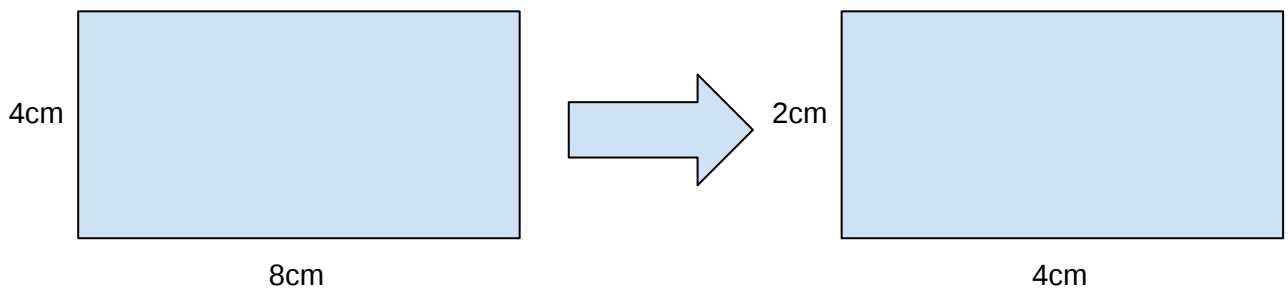
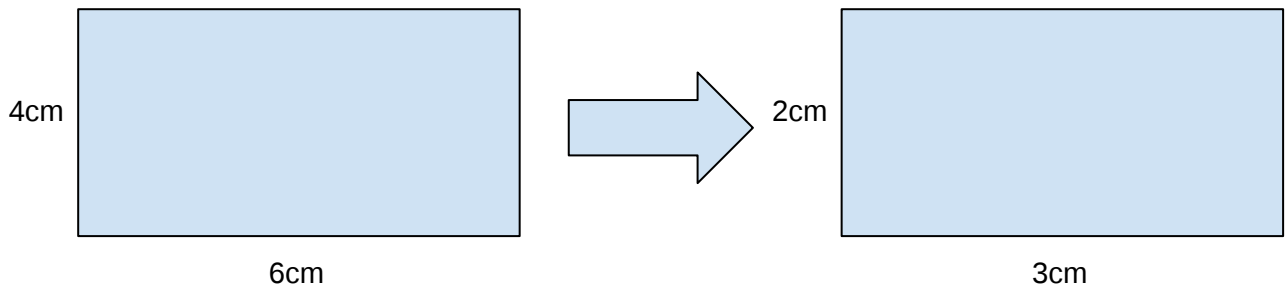
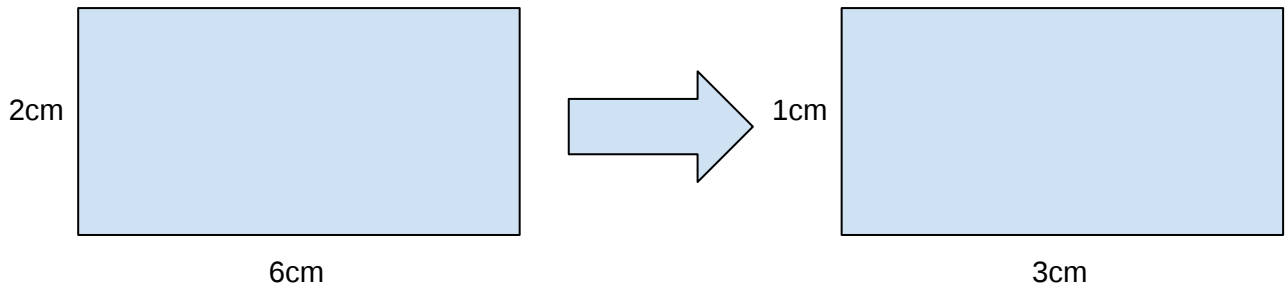
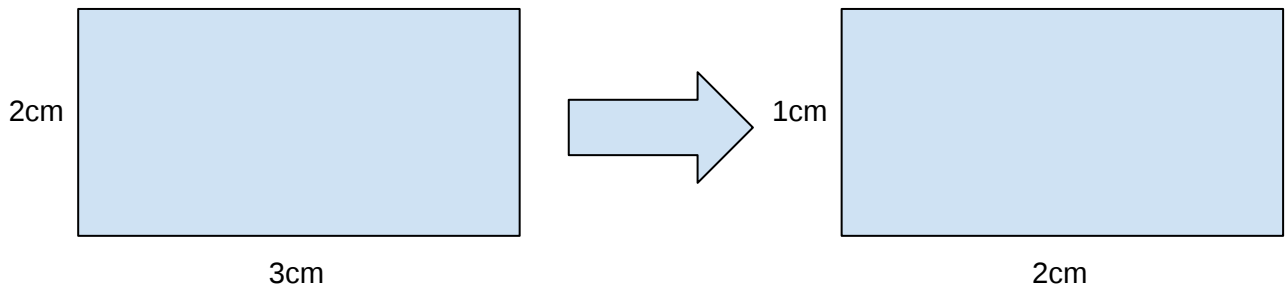
Scale factor:  $\frac{1}{2}$



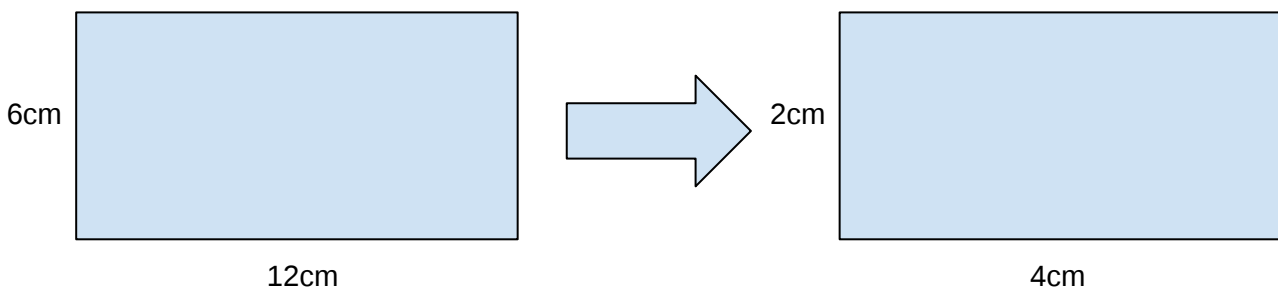
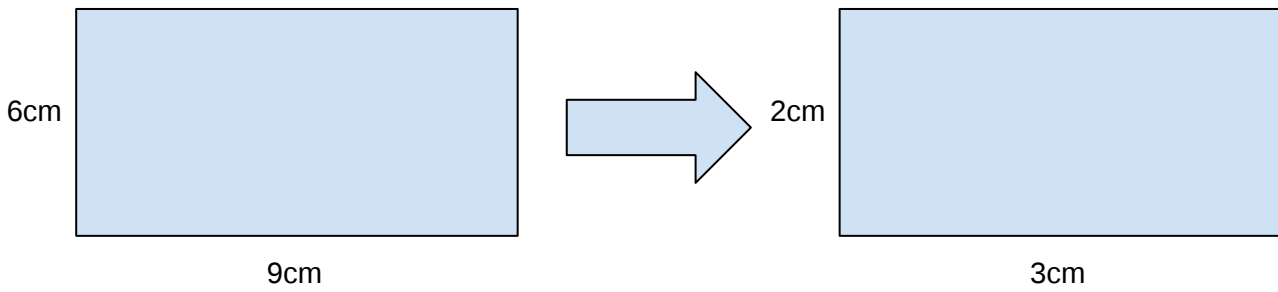
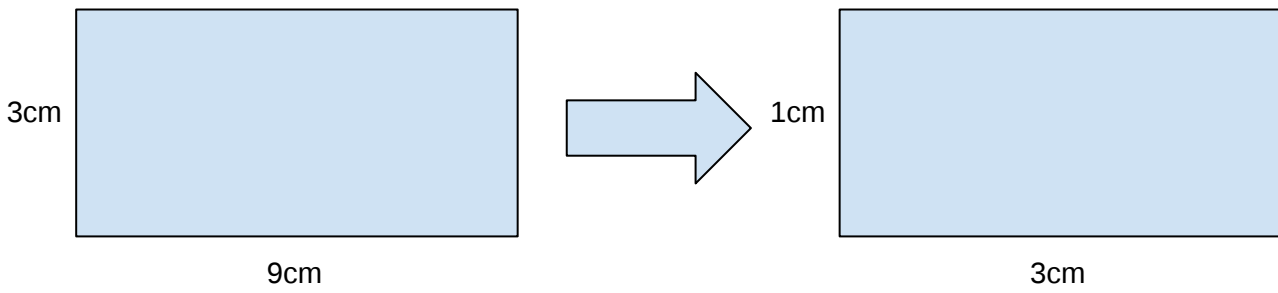
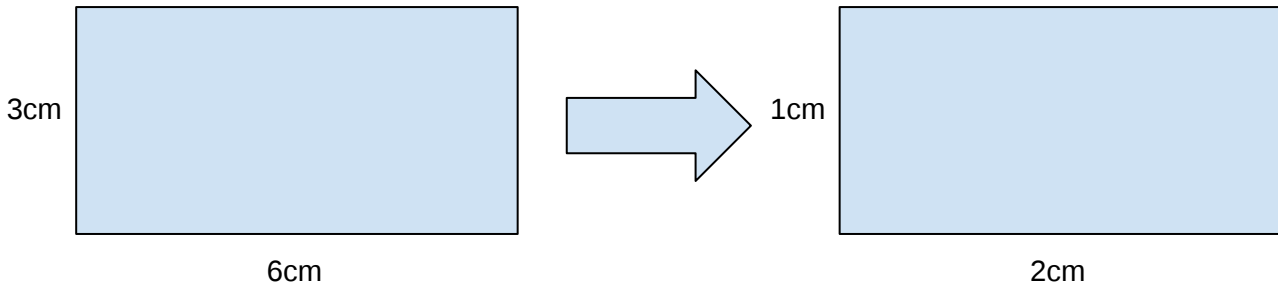
Scale factor:  $\frac{1}{3}$

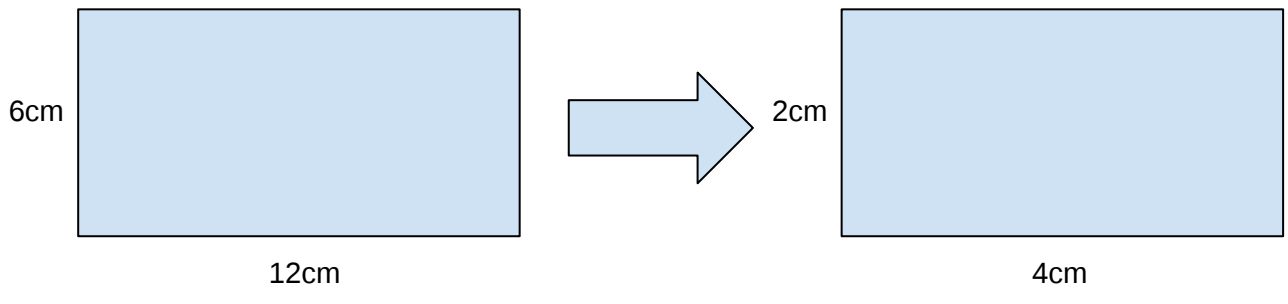
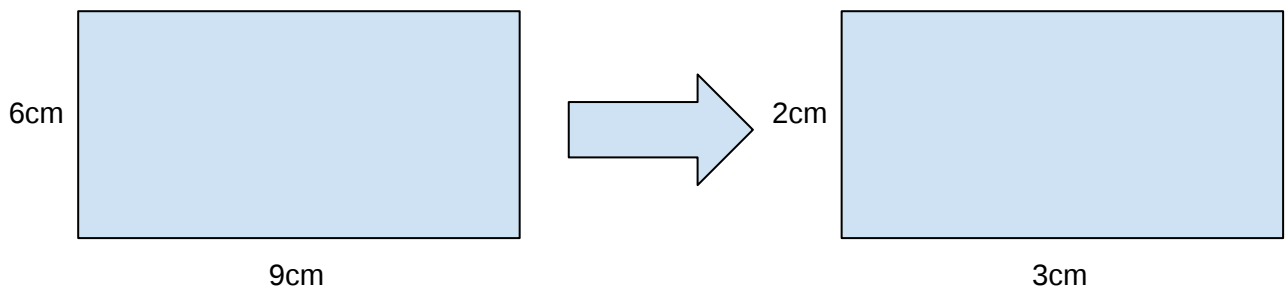
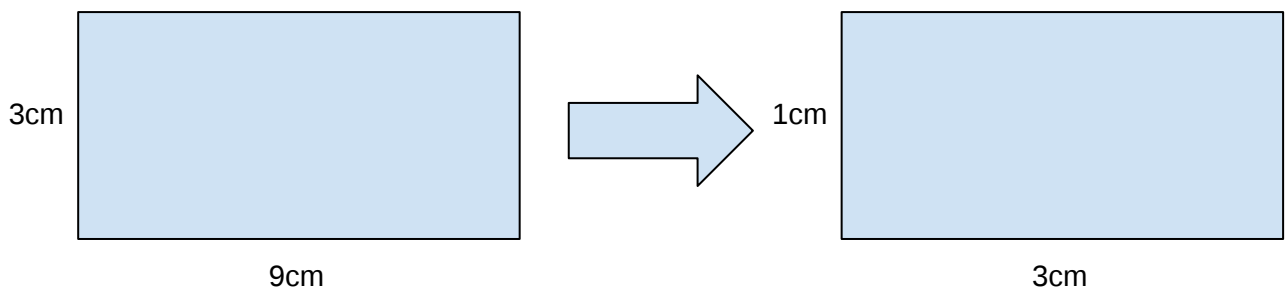
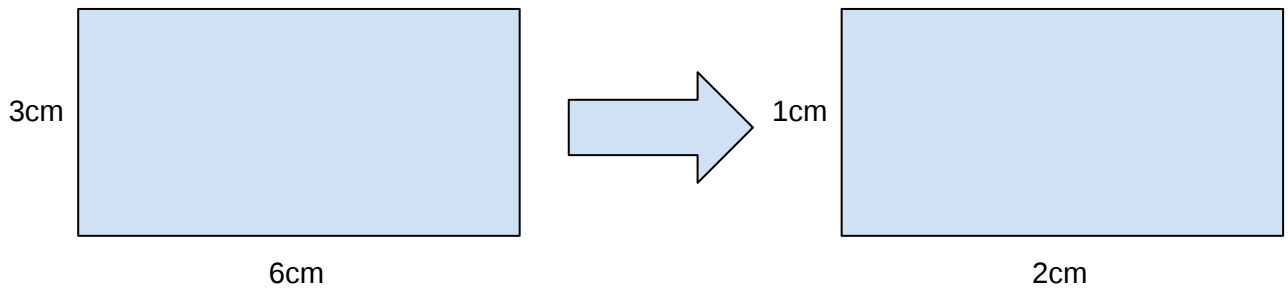
5. The scale factor of each enlargement is  $\frac{1}{2}$ . Work out the missing lengths:





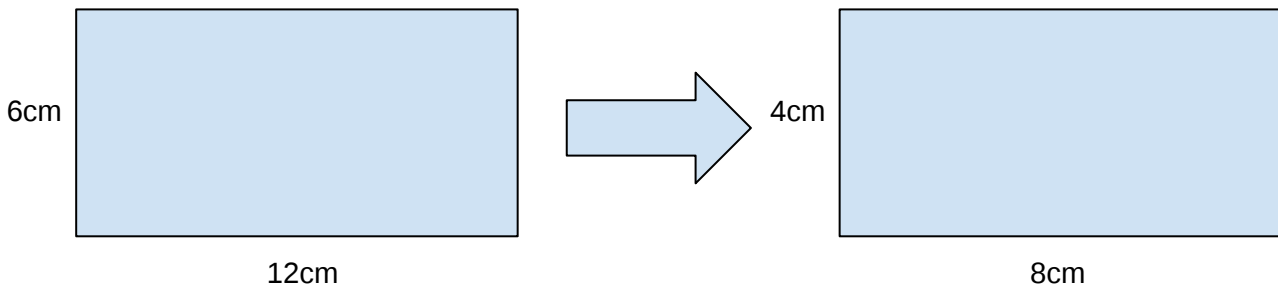
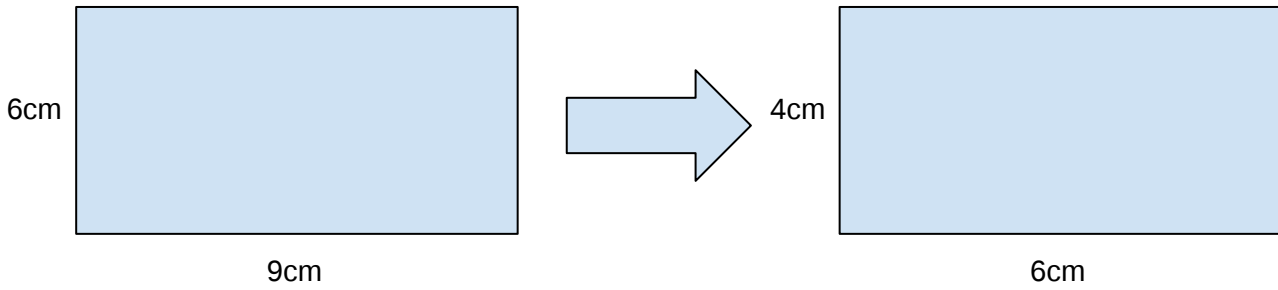
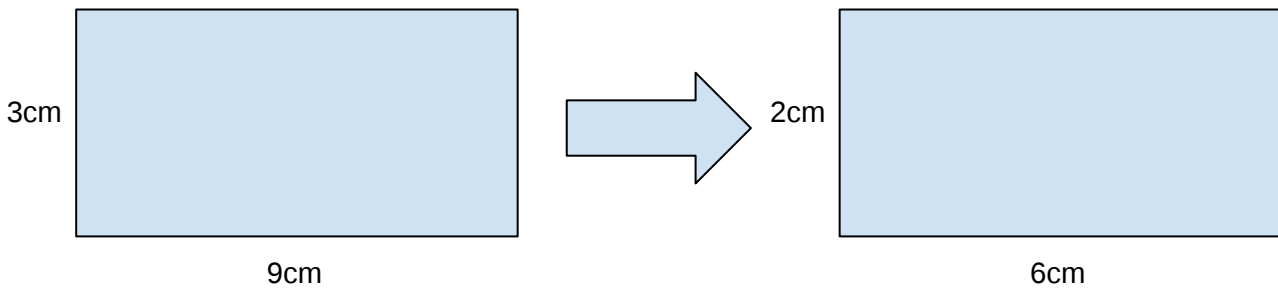
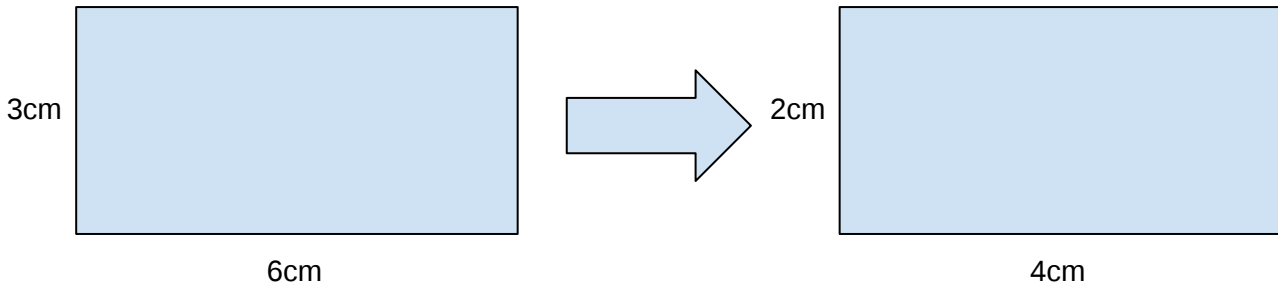
6. The scale factor of each enlargement is  $\frac{1}{3}$ . Work out the missing lengths:

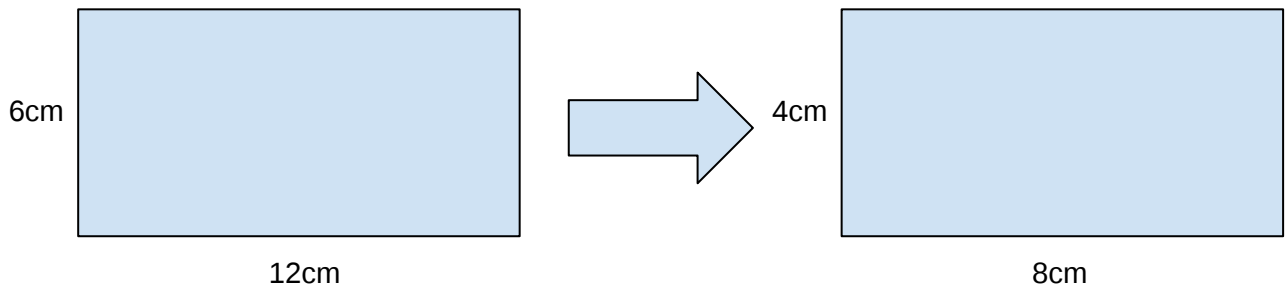
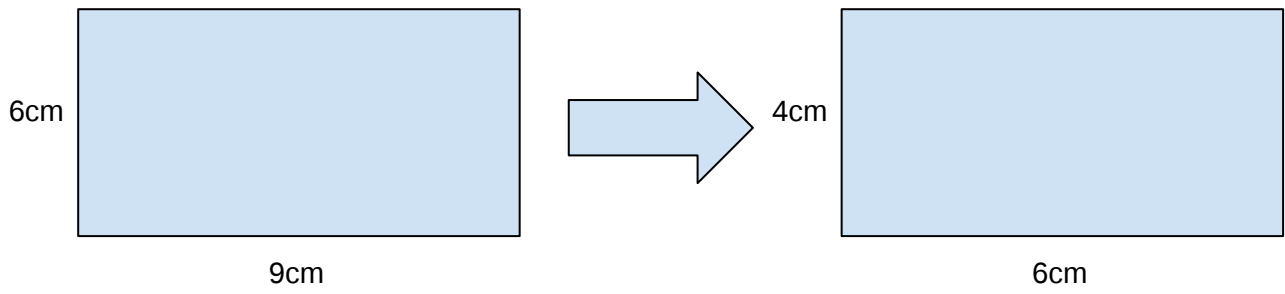
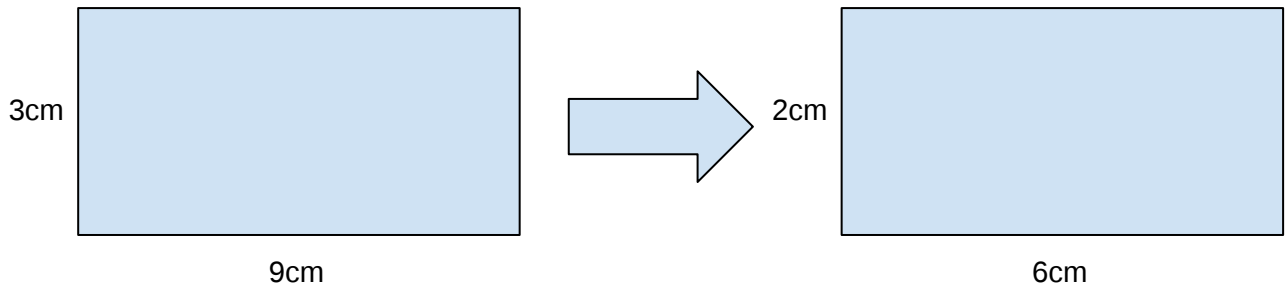
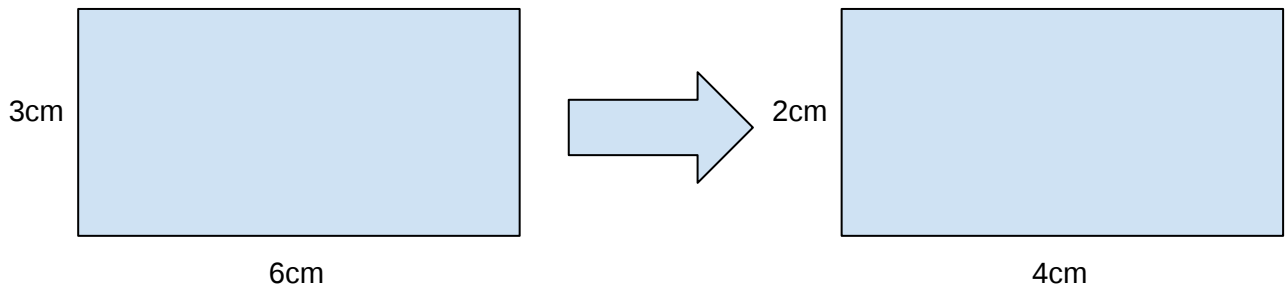




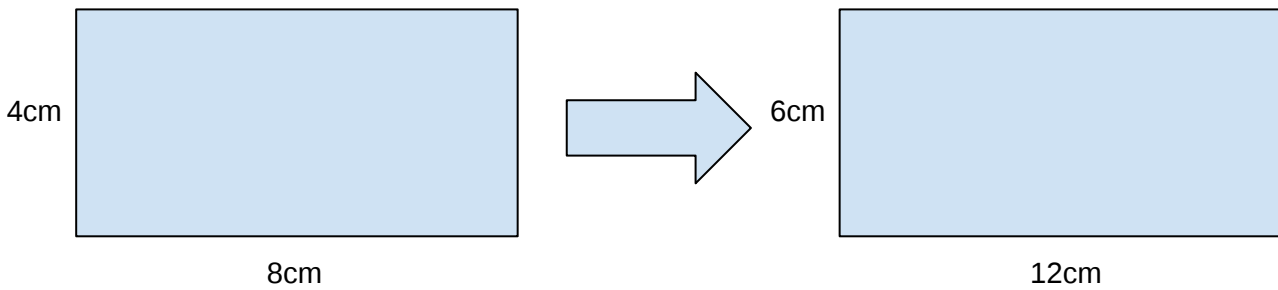
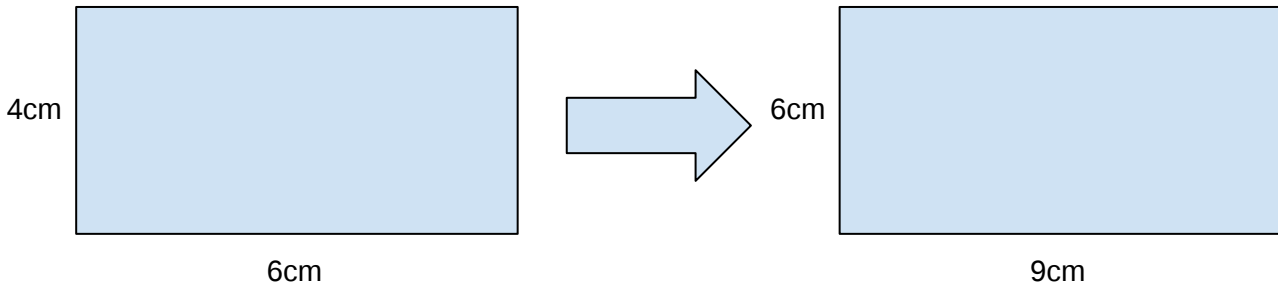
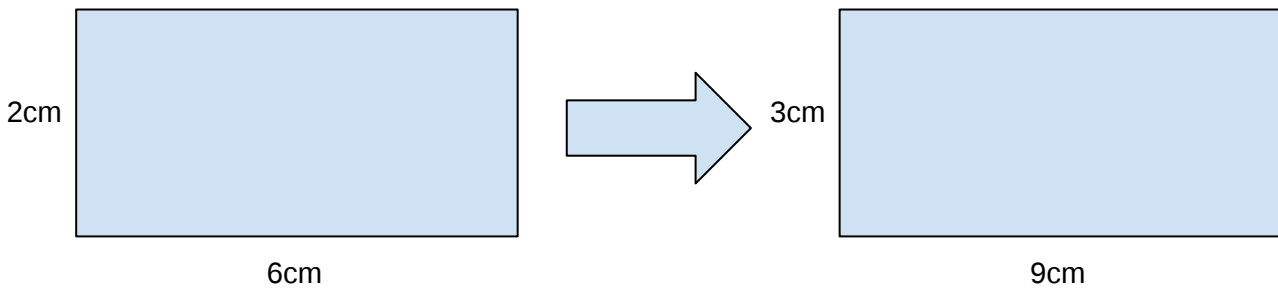
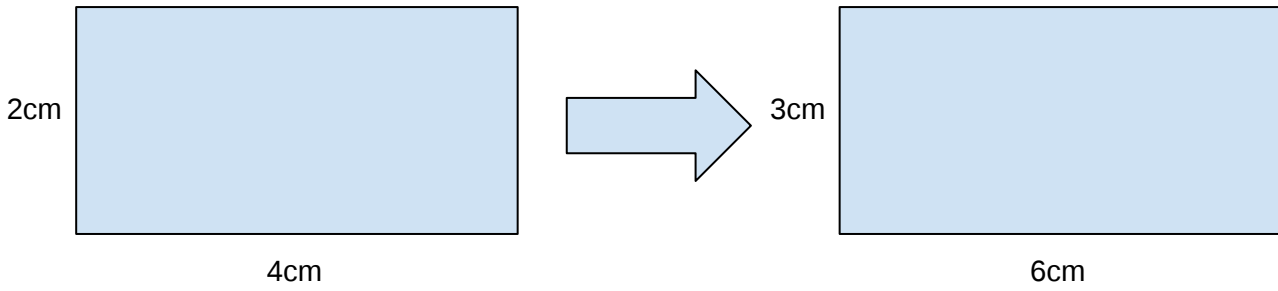


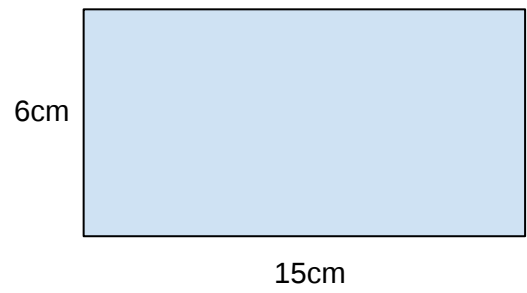
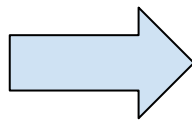
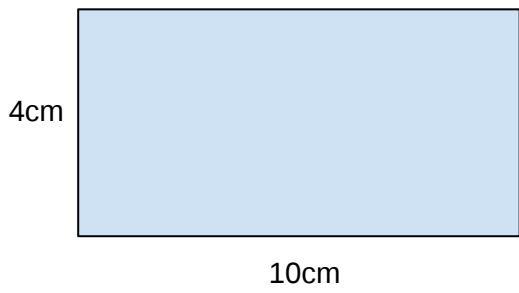
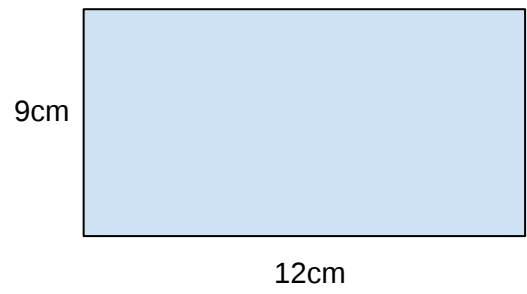
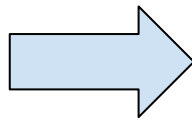
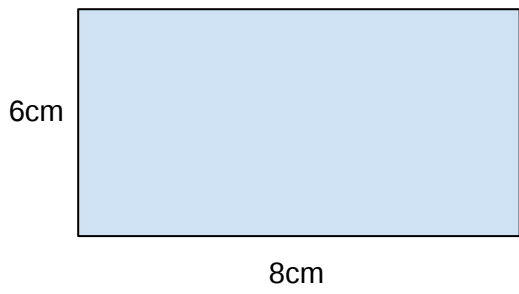
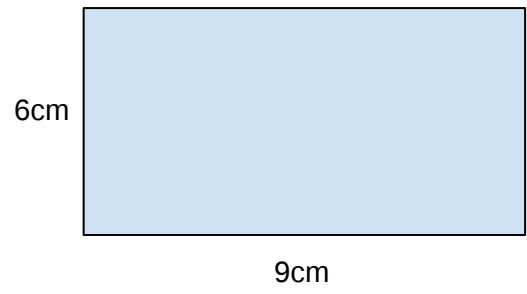
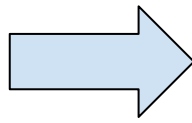
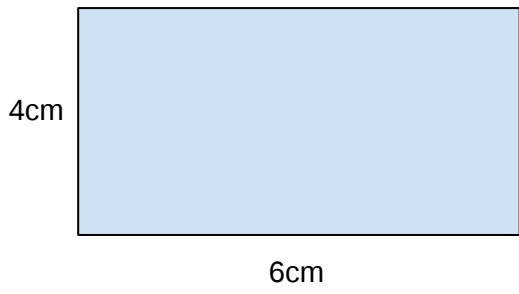
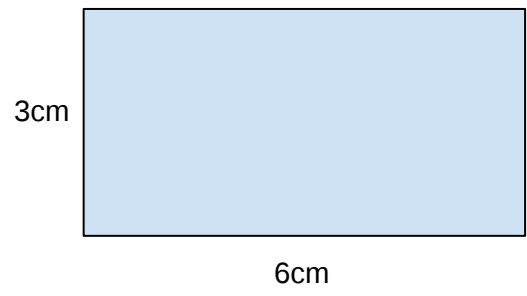
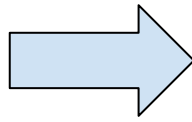
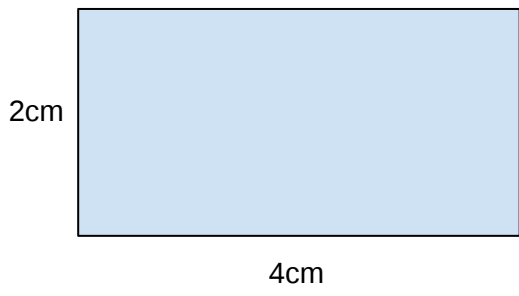
7. The scale factor of each enlargement is  $\frac{2}{3}$ . Work out the missing lengths:





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





1 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	2	2
1	1	3	3	3
2	1	1	2	1
2	1	2	4	2
2	2	1	2	2
2	2	2	4	4
1	1	1	1	1
2	3	1	2	1
2	2	1	2	2
1	1	2	2	2
1	1	1	1	1
1	1	2	2	2
2	1	1	2	1
2	1	2	4	2
1	1	1	1	1
1	1	2	2	2
2	1	1	2	1
2	2	1	2	2

2 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	$\frac{1}{2}$	1	1
3	3	$\frac{1}{3}$	1	1
2	1	$\frac{1}{1}$	2	1
4	2	$\frac{1}{2}$	2	1
6	3	$\frac{1}{3}$	2	1
9	6	$\frac{1}{3}$	3	2
2	2	$\frac{1}{2}$	1	1
4	2	$\frac{1}{2}$	2	1
6	6	$\frac{1}{3}$	2	2
6	3	$\frac{1}{3}$	2	1
2	2	$\frac{1}{2}$	1	1
4	4	$\frac{1}{2}$	2	2
3	3	$\frac{1}{3}$	1	1
6	3	$\frac{1}{3}$	2	1
6	3	$\frac{1}{3}$	2	1

6	6	$\frac{1}{3}$	2	2
9	6	$\frac{1}{3}$	3	2
10	8	$\frac{1}{4}$	2.5	2

3 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	$\frac{2}{2}$	2	2
3	3	$\frac{2}{3}$	2	2
2	1	$\frac{2}{1}$	4	2
4	2	$\frac{3}{2}$	6	3
6	3	$\frac{2}{3}$	4	2
8	6	$\frac{3}{2}$	12	9
3	3	$\frac{2}{3}$	2	2
6	3	$\frac{2}{3}$	4	2
2	2	$\frac{3}{2}$	3	3
4	4	$\frac{3}{2}$	6	3
2	2	$\frac{3}{2}$	3	3

4	4	$\frac{3}{2}$	6	6
3	3	$\frac{2}{3}$	2	2
6	3	$\frac{2}{3}$	4	2
6	3	$\frac{2}{3}$	4	2
6	6	$\frac{2}{3}$	4	4
8	6	$\frac{3}{2}$	12	9
10	8	$\frac{3}{2}$	15	12