

# WRAP UP WARM





Mr Rose is knitting scarves.  
He makes sections of different colours.  
Each section is 8 cm long.



How long is a scarf with 6 panels?

A second scarf is 96 cm long.

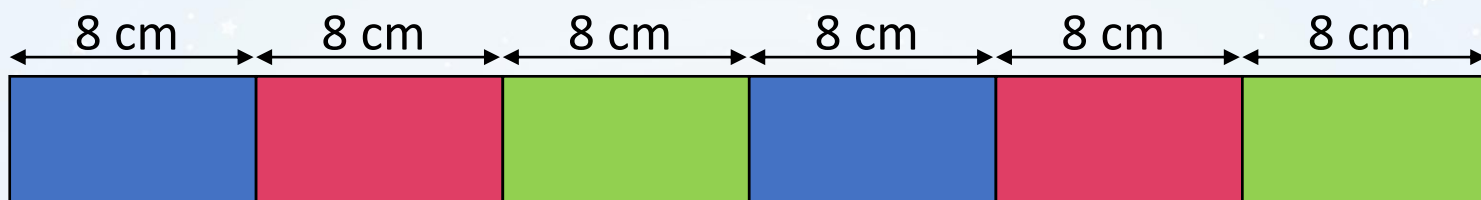
How many 8 cm panels does it have?

Have a think





Mr Rose is knitting scarves.  
He makes sections of different colours.  
Each section is 8 cm long.



How long is a scarf with 6 panels?

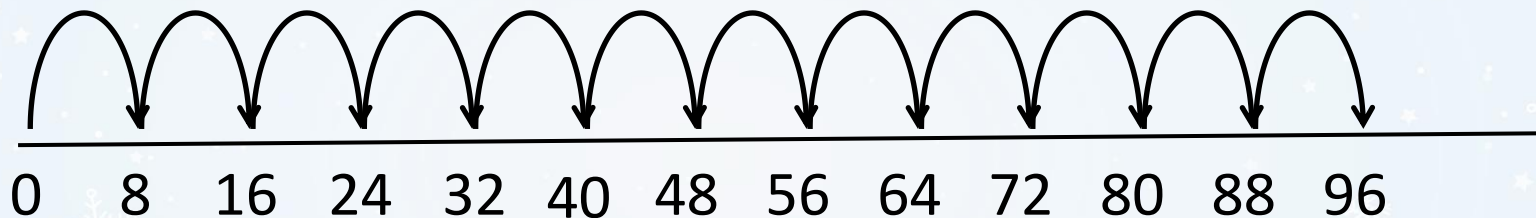
$$6 \times 8 = 48$$

The scarf is 48 cm long.



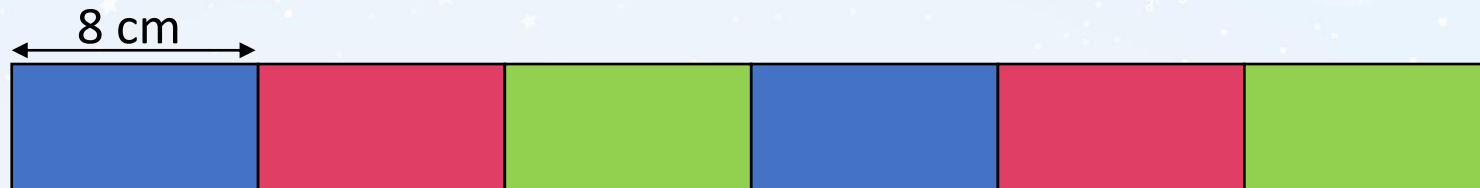
A scarf is 96 cm long. How many 8 cm panels does it have?

12 panels



$$10 \times 8$$





Mr Rose knits a scarf which is longer than 50 cm but shorter than 90 cm.

<del>8</del>	<del>16</del>	<del>24</del>	<del>32</del>	<del>40</del>	<del>48</del>	56	64	72	80	88	<del>96</del>
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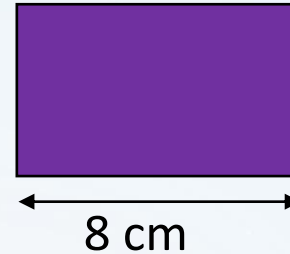
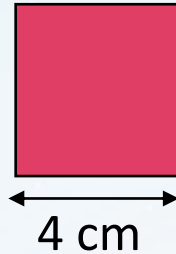
Have a think



How long could his scarf be?



Mr Rose knits a new scarf using panels of 4 cm and panels of 8 cm.



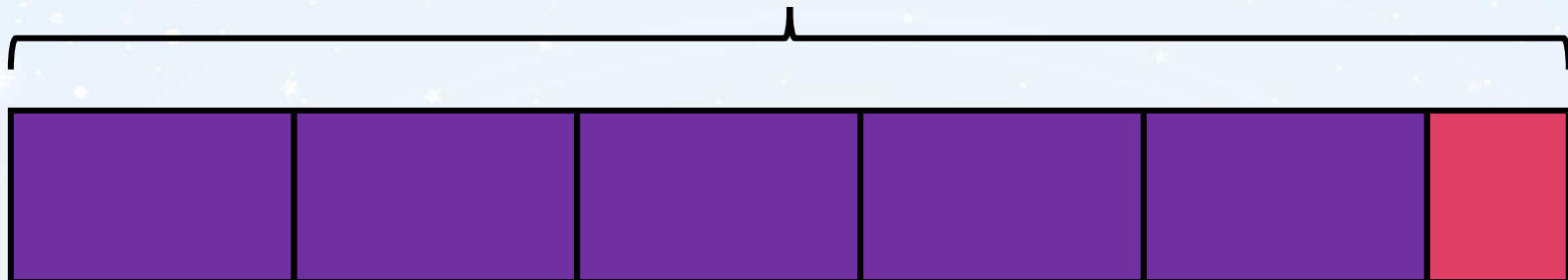
Have a think



The scarf measures 44 cm.

How many of each panel could he have used?

44 cm



$$5 \times 8 + 4$$



$$4 \times 8 + 3 \times 4$$

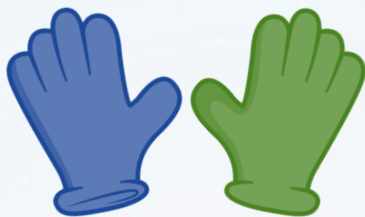


$$3 \times 8 + 5 \times 4$$

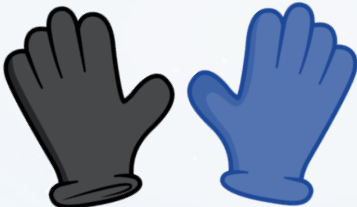
Mr Rose has 3 pairs of gloves.  
He gets ready in a hurry and pulls on  
the first two gloves he finds.



On Monday he wears



On Tuesday he wears



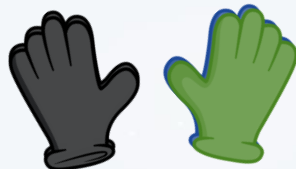
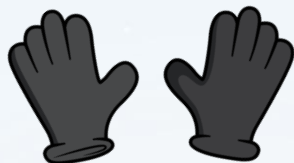
Have a think



How many different combinations of gloves could he wear?



How many different combinations of gloves could he wear?



$$3 + 2 + 1 = 6$$

There are 6 different combinations.

What if Mr Rose had  
4 pairs of gloves?

Mo has 4 jumpers.  
He always wears them in the same order.

Have a think





Mo has 3 hats. He wears them in the same order too.



On 1<sup>st</sup> December he wears his red jumper and black hat.  
When will he next wear them both together again?



On 1<sup>st</sup> December he wears his red jumper and black hat.  
When will he next wear them both together again?



1<sup>st</sup> Dec R + B  



6<sup>th</sup> Dec Bl + G

11<sup>th</sup> Dec P + Bl

2<sup>nd</sup> Dec Bl + Bl  



7<sup>th</sup> Dec P + B

12<sup>th</sup> Dec Gr + G



3<sup>rd</sup> Dec P + G  

8<sup>th</sup> Dec Gr + Bl

13<sup>th</sup> Dec R + B

4<sup>th</sup> Dec Gr + B  

9<sup>th</sup> Dec R + G

5<sup>th</sup> Dec R + Bl  

10<sup>th</sup> Dec Bl + B

Will this happen again in  
December?

What if Mo had 5 jumpers?