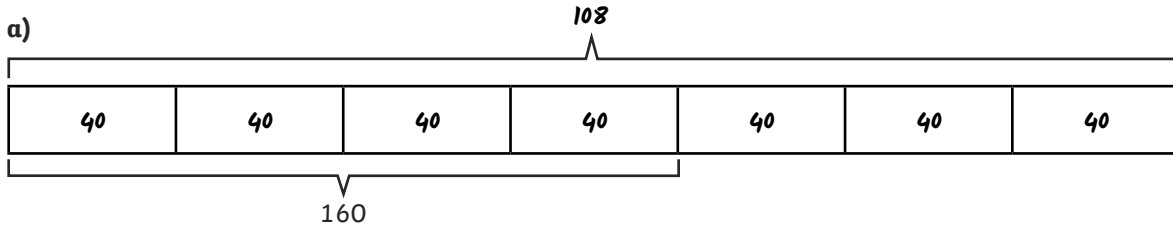


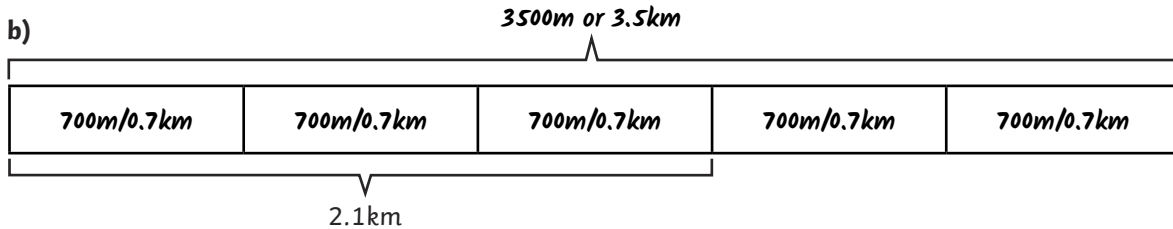


1)

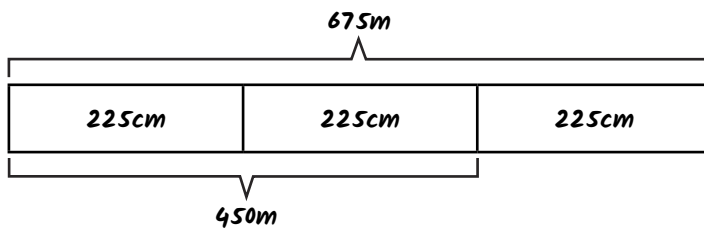
a)



b)



2)



3)

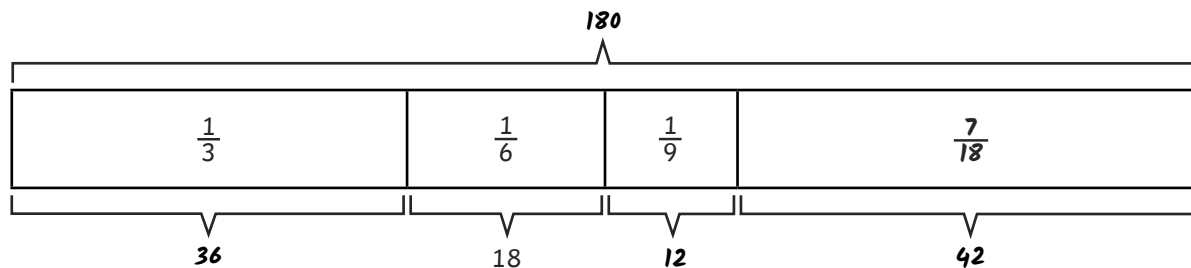
$\frac{4}{6}$ of <b>210</b> = 140	$\frac{3}{8}$ of <b>440</b> is 165	$\frac{2}{6}$ of <b>240</b> = 80	$\frac{5}{9}$ of <b>621</b> = 345
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1) The first plank of wood has two pieces measuring 12cm each ( $24 \div 2 = 12$ ). As there are 14 parts, the whole plank measured  $12\text{cm} \times 14$ , which is 168cm. The second plank of wood has two pieces measuring 18cm each ( $36 \div 2 = 18$ ). As there are 8 parts, the whole plank measured  $18\text{cm} \times 8$ , which is 144cm. This proves that the first plank of wood was the longer plank of wood at the start.

2) Owen's method is incorrect as he has multiplied the numerator of the fraction by 9, rather than using the numerator of the fraction to help him find what one part is worth. Aneesha's method and answer are correct.



1)



2)

