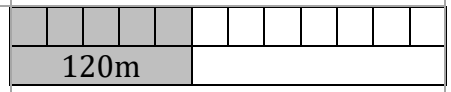
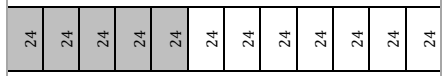
a)
⅓ of a bridge overhangs the left bank of the river. ¼ of the bridge overhangs the right bank of the river.
The river is 120m wide.
What is the length of the bridge?

How much of the bridge overhangs the river?	$\frac{1}{3}+\frac{1}{4}=\frac{4}{12}+\frac{3}{12}=\frac{7}{12}$
How much of the bridge is over the river?	$1-\frac{7}{12}=\frac{5}{12}$
How much distance does the fraction represent?	$\frac{5}{12}=120m$
What is the length of the bridge?	 $\frac{120}{5}=24$  $24\times12=288\text{m}$

b)
Nadia eats a half of a bag of crisps and Julia eats a third of the same bag.
The bag now weighs 25g.
What was the original weight of the bag?

How much of the bag has been eaten?	$\frac{1}{2}+\frac{1}{3}=\frac{3}{6}+\frac{2}{6}=\frac{5}{6}$
How much of the bag is left?	$1-\frac{5}{6}=\frac{1}{6}$
How much weight does the fraction represent?	
What was the original weight of the bag?	

c)
Sam drinks ⅖ of a bottle of milk. His mother uses 200ml of milk as part of a recipe for dinner. Sam then drinks the remaining ⅓ of the bottle.
How much milk was in the bottle when full?