



Mini eggs  
60g  
25% extra free

Rice  
800g  
75% extra free



Coke  
750ml  
10% extra free

Rice Krispies  
510g  
50% extra free



Try these questions together! Lots of discussion please!

Harry usually gets £12.50 pocket money from his gran each month. Last month she gave him an extra 10%. How much pocket money did he get last month?

A bus ticket to Newtownards costs £3.20. Next week the price will increase by 25%. How much will a ticket cost then?

A regular pizza weighs 480g. A large pizza is 50% bigger. How much does a large pizza weigh?

Independent challenge

1. Last week 48 P7 pupils read their BugClub books online. This week the number increased by 25%. How many P7s read their books this week?
2. In March 2019, 3400 people visited Belfast Zoo. The manager predicted that he would get 50% more visitors in April 2019. How many visitors was he expecting?
3. A child's football shirt costs £37.50. An adult's shirt is 10% more expensive. How much will you pay for an adult's shirt?

Now, make up your own percentage problem to test the rest of the class! Email it to your teacher who will put it on your class page on the school website.

abell356@c2kni.net    cmassey928@c2kni.net    rcoetzee517@c2kni.net



Mini eggs

60g

25% <sup>more</sup> extra free

$\frac{1}{4}$

$60 \div 4 = 15\text{g extra}$   
so  $60 + 15 = 75\text{g}$   
new weight



Coke

750ml

10% extra free

$\frac{1}{10}$

To  $\div$  by 10, move  
each number one  
space to the right

750

75 ml extra

$750 + 75 = 825\text{ml}$

Rice

800g

75% extra free

$\frac{3}{4}$

$\div$  by 4 then  $\times$  by 3

$800 \div 4 = 200\text{g}$

$200 \times 3 = 600\text{g extra}$

$800 + 600 = 1400\text{g}$

or 1kg 400g or 1.4kg



Rice Krispies

510g

50% extra free

$\frac{1}{2}$

$510 \div 2 = 255\text{g extra}$

$510 + 255 = 765\text{g}$



Try these questions together! Lots of discussion please!

Harry usually gets £12.50 pocket money from his gran each month. Last month she gave him an extra 10%. How much pocket money did he get last month?

$$\begin{array}{r} \div 10 \\ \rightarrow | \text{space} \end{array} \quad \begin{array}{r} £12.50 \\ + 1.25 \text{ extra} \\ \hline £13.75 \end{array}$$

A bus ticket to Newtownards costs £3.20. Next week the price will increase by 25%. How much will a ticket cost then?

$$\begin{array}{r} \div 4 \\ £0.80 \text{ extra} \\ 4 | 3.20 \end{array} \quad \begin{array}{r} £3.20 \\ + 0.80 \\ \hline £4.00 \end{array}$$

A regular pizza weighs 480g. A large pizza is 50% bigger. How much does a large pizza weigh?

$$\begin{array}{r} 240g \text{ extra} \\ 2 | 480 \end{array} \quad \begin{array}{r} 480 \\ + 240 \\ \hline 720g \end{array}$$

1. Last week 48 P7 pupils read their BugClub books online. This week the number increased by 25%. How many P7s read their books this week?

Independent challenge

$$\frac{1}{4} \quad 48 \div 4 = 12 \\ 48 + 12 = 60 \text{ pupils}$$

2. In March 2019, 3400 people visited Belfast Zoo. The manager predicted that he would get 50% more visitors in April 2019. How many visitors was he expecting?

$$\frac{1}{2} \quad \begin{array}{r} 1700 \\ 2 \overline{)3400} \end{array} \quad \begin{array}{r} 3400 \\ + 1700 \\ \hline 5100 \end{array} \text{ visitors}$$

3. A child's football shirt costs £37.50. An adult's shirt is 10% more expensive. How much will you pay for an adult's shirt?

to  $\div$  by 10,  $\rightarrow$  one space

$$\begin{array}{r} 37.50 \\ + .375 \\ \hline \pounds 41.25 \end{array}$$

Now, make up your own percentage problem to test the rest of the class! Email it to your teacher who will put it on your class page on the school website.

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