

# Maths Problem Cards

## Year 5



### Problem 1

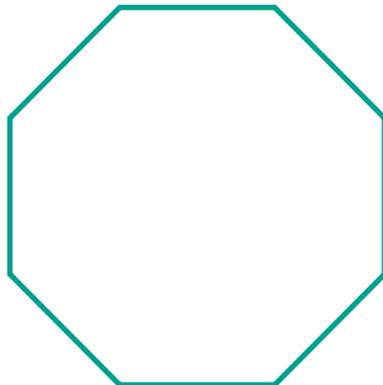
There are 38 people on the bus.  
At Stop A, half of the people get off and 5 get on.  
At Stop B, a third off the people get off and 3 get on.

How many people are now on the bus?



### Problem 2

The total perimeter of a regular octagon is 96cm.  
What is the length of one side?



### Problem 3

1 euro costs \$1.40

How many euros can you buy for \$20?

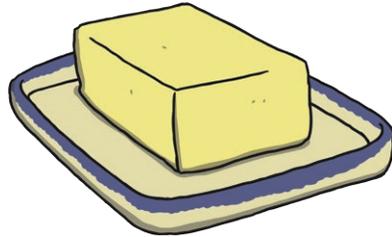


### Problem 4

These ingredients make enough food for 6 people.  
Change them so there is enough for 9 people.

200g flour      50g butter      180ml milk

4 eggs      6 rashers of bacon



### Problem 5

Eve starts school at 9am.  
She gets two buses. Bus 1 takes  
45 minutes. Bus 2 takes  $\frac{1}{3}$  of  
the time as Bus 1.

She then has to walk for 7  
minutes.

What time should Eve set off?



### Problem 6

Carlos buys a skateboard for  
\$13.30. He pays with a \$20 note.

How much change does he receive?



### Problem 7

There is 20% off the price in a clothes shop sale.

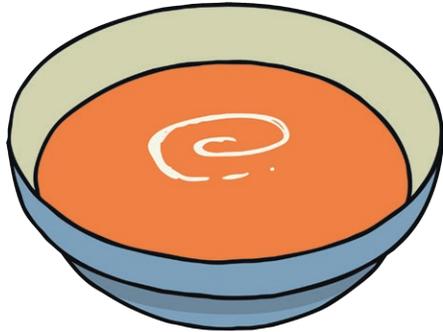
How much would you get off a dress for \$65?



### Problem 8

The soup kitchen serves 200 bowls of soup. Each bowl holds 300ml.

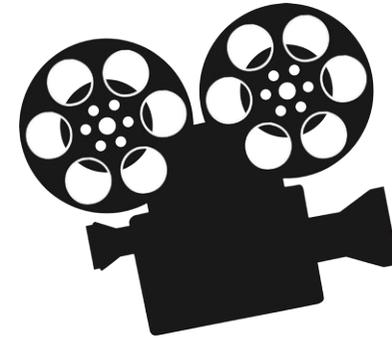
How much soup is served in litres?



### Problem 9

The local cinema are running a buy two tickets and get one free offer. Tickets cost \$3.60 each.

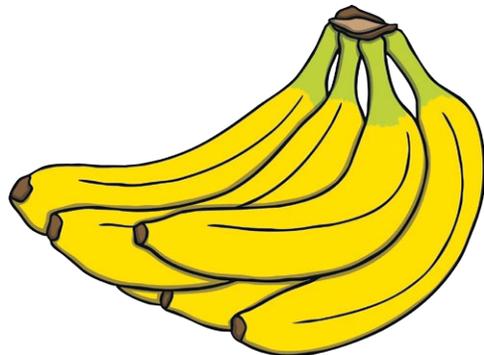
How much would 27 tickets cost altogether?



### Problem 10

Joel has 2 boxes of 33 bananas, 4 boxes of 27 apples and 5 boxes of 12 pineapples.

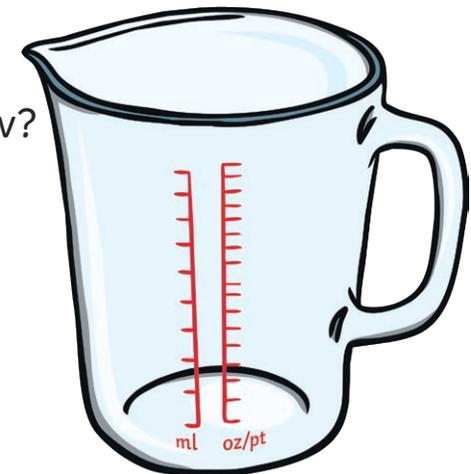
How many pieces of fruit does Joel have altogether?



### Problem 11

There is 785ml of water in a jug. 370ml is poured out.

How much is in the jug now?



### Problem 12

What is the total of:

\$9.87

\$16.22

\$5.12 ?



### Problem 13

Harry and 5 of his friends went to see a music gig.

They paid \$54 in total

How much did each ticket cost?

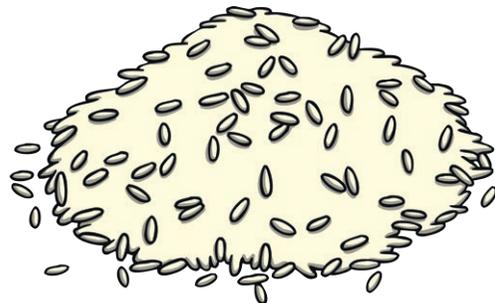


### Problem 14

I have a 600g box of rice.

I pour  $\frac{1}{3}$  of the rice into Bowl A. I pour  $\frac{1}{4}$  of what is left in the box into Bowl B.

How much rice is left in the box?



### Problem 15

There is 350g of flour in a bag.

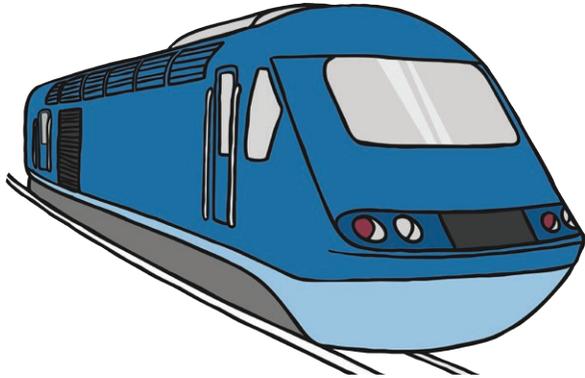
How much flour in kilograms is there in 20 bags?



### Problem 16

A train is due to arrive at the station at 16:45. It is running 37 minutes late.

What time is the train expected to arrive?



### Problem 17

Susie, Jonas and Tom earned \$354 washing cars over the weekend. They need to split the money equally.

How much do they each get?



### Problem 18

The journey to Aziz's school is 7km.

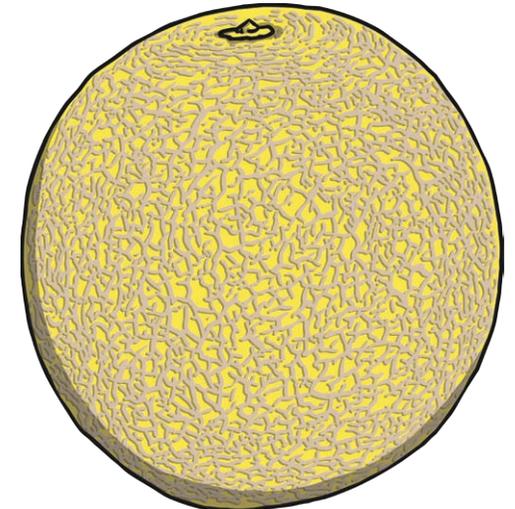
How far does Aziz travel in total when he walks to and from school, from Monday to Friday?



### Problem 19

Melons cost 72c. There is a buy one, get one half price deal on.

How many melons can you buy with \$8?



### Problem 20

Alfie borrowed \$430 from his mum. He has paid back 50%.

How much does Alfie still owe?

