

# Word Problems

## Challenge Cards



### Word Problems

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 of the people get off and 3 get on.

How many people are now on the bus?



### Word Problems

2. The total perimeter of a regular octagon is 96cm.

What is the length of one side?

### Word Problems

3. Sophia is travelling to England and needs some British Pounds for her trip. £1 costs about 60c.

How many pounds can she get for \$12?



#### Word Problems

4. These ingredients make enough food for 6 people: 200g flour, 50g butter, 180ml milk, 4 eggs, 6 rashers of bacon.

How many of each ingredient would you need for 9 people?



#### Word Problems

5. Eve starts school at 9am. She gets two buses. Bus 1 takes 45 minutes. Bus 2 takes  $\frac{1}{3}$  of the time that Bus 1 takes. She then has to walk for 7 minutes.

What time should Eve set off?



#### Word Problems

6. Krishna buys a skateboard for \$13.40. He pays with a \$20 note.

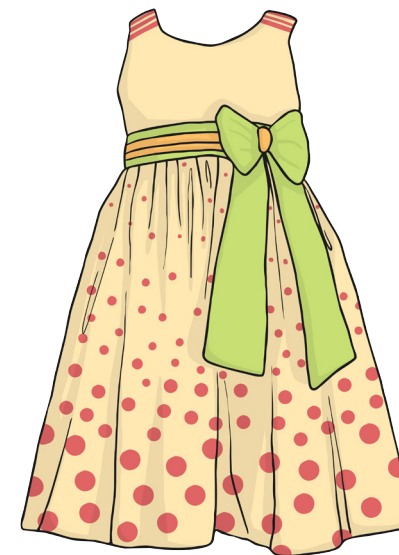
How much change does he receive?



#### Word Problems

7. There is 20% off sale in a clothes shop.

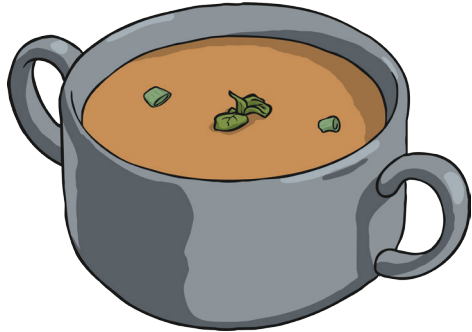
How much money would you get off a dress that was originally \$65?



Word Problems

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

How much soup is served? Write your answer in litres.



Word Problems

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

How much would 27 tickets cost altogether?



Word Problems

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?



Word Problems

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

How much is in the jug now?



Word Problems

12. What is the total of the following amounts?

\$9.90

\$16.20

\$5.10

Word Problems

13. Harry and 5 of his friends went to a music gig.  
They paid \$54 in total.

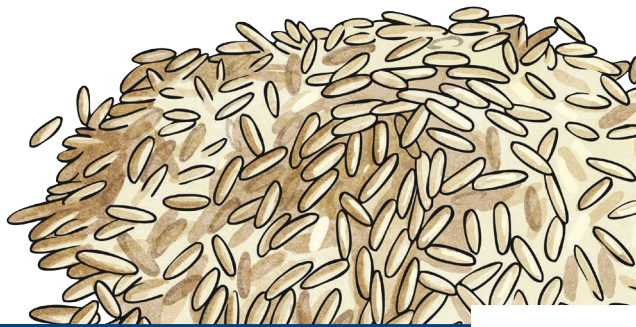
How much did each ticket cost?



Word Problems

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.

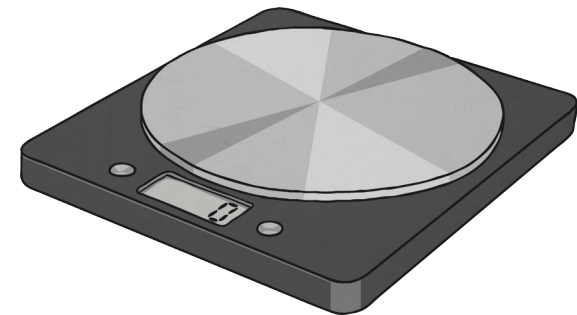
How much rice is left in the box?



Word Problems

15. There is 350g of flour in a bag.

How much flour in kilograms is there in 20  
bags?

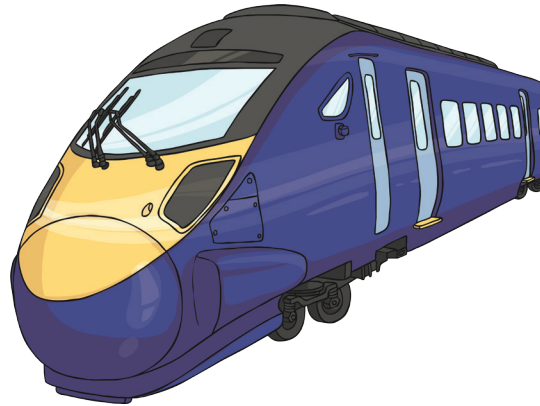




Word Problems

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?



Word Problems

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

How much will they each get?



Word Problems

18. The journey to Alex's school is 7km.

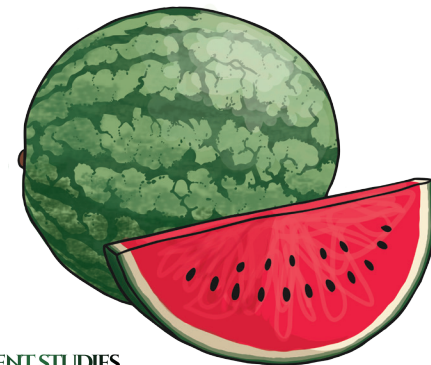
How far does Alex travel in total when he walks to and from school, from Monday to Friday?



Word Problems

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

How many melons can you buy with \$8?



## Word Problems

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

How much does Alfie still owe?

## Word Problems Answers

1. 19
2. 12
3. 20
4. 300g flour, 75g butter, 270ml milk, 6 eggs, 9 rashers of bacon.
5. 7:53
6. \$6.60
7. \$13
8. 60 litres
9. \$64.80
10. 234
11. 415ml
12. \$31.20
13. \$9.00
14. 300g
15. 7 kilograms
16. 17:22
17. \$118
18. 70km
19. 14
20. \$215