

1) Here are the ages of two children:



Maqda 1095 days



Henru 37 months



Henry is the eldest child.

Do you agree with this statement? Explain your answer.

2) Here are the durations of four different films

Clowning Around	Dance School		
1 hour and 33 minutes	90 minutes		
Super Sonic	Ghost House		
$1\frac{3}{4}$ hours	1 hour and 40 minutes		

a) Noah finds the total running time of all four films by converting all the times to minutes and using column addition.

		9	3	
		9	0	
	1	4	5	
+	1	0	0	
	4	2	8	minutes
	2			

Is Noah correct or incorrect? Explain your answer.

b) Write two true statements and one false statement about the durations of the films. Can your partner identify the incorrect statement?

1) Oliver is taking part in a sponsored dance-a-thon for charity.



Three of Oliver's friends agree to sponsor him the following amounts:



Poppy



Liam



Lan

£1.50 for every 10 minutes

£1.00 for every 300 seconds

£2.50 for every quarter of an hour

- a) How much will each friend give Oliver after 30 minutes of dancing?
- b) How much money will Oliver earn in total after 135 minutes of dancing?
- c) Choose your own time that Oliver could have danced for and calculate how much money he would have raised for charity.



1) Here are the ages of two children:



Maqda 1095 days



Henru



Henry is the eldest child.

Do you agree with this statement? Explain your answer.

2) Here are the durations of four different films

Clowning Around	Dance School		
1 hour and 33 minutes	90 minutes		
Super Sonic	Ghost House		
1¾ hours	1 hour and 40 minutes		

a) Noah finds the total running time of all four films by converting all the times to minutes and using column addition.

9			9	3	
			9	0	
		1	4	5	
	+	1	0	0	
		4	2	8	min
		2			

utes

Is Noah correct or incorrect? Explain your answer.

b) Write two true statements and one false statement about the durations of the films. Can your partner identify the incorrect statement?

1) Oliver is taking part in a sponsored dance-a-thon for charity.



Three of Oliver's friends agree to sponsor him the following amounts:



Poppy



Liam



£1.50 for every 10 minutes

£1.00 for every 300 seconds

£2.50 for every quarter of an hour

Lan

- a) How much will each friend give Oliver after 30 minutes of dancing?
- b) How much money will Oliver earn in total after 135 minutes of dancing?
- c) Choose your own time that Oliver could have danced for and calculate how much money he would have raised for charity.

