

1) Convert the units of time.



2 minutes and 16 seconds

_____ seconds



1 hour and 43 minutes

_____ minutes



2 weeks and 3 days

_____ days



9 years and 3 months

_____ months



2 days and 6 hours

_____ hours



$2\frac{1}{4}$ hours

_____ minutes



628 seconds

_____ minutes

and _____ seconds



200 minutes

_____ hours and

_____ minutes

1) Here are the ages of two children:



Henry is the eldest child.

Do you agree with this

statement? Explain your answer.



Magda

1095 days



Henry

37 months

2) Here are the durations of four different films

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

Is Noah correct or incorrect? Explain your answer.

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

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

£1.50 for every 10 minutes



Liam

£1.00 for every 300 seconds



Lan

£2.50 for every quarter of an hour



a) How much will each friend give Oliver after 30 minutes of dancing?

Poppy	
Liam	
Lan	

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.
