29 - 30.06.20

WALT convert units of time.

This sheet is for Monday and Tuesday.

Monday: please choose your challenge – 1= unsure, 2 = eureka! 3= challenge me.

Tuesday: Please recap the slides from Monday if you need to, then complete the next sheet. If you were 'eureka' yesterday, today you will be 'challenge me'. If you were on sheet 3 yesterday, please complete the 'Maths Tuesday Challenge'.

1)

1) Convert the units of time.

2 minutes and 16 seconds

_____ seconds

9 years and 3 months

_____ months

1 hour and 43 minutes

_____ minutes

2 weeks and 3 days

_____ days

2 days and 6 hours

_____ hours

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

_____ minutes

628 seconds

_____ minutes

and _____ seconds

200 minutes

_____ hours and

_____ minutes

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2)

1) Here are the ages of two children:

Magda

1095 days

Henry

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?

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3)

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.

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