Y5 matjhs – Task 1

LF Hours, minutes and seconds Try it	LF Hours, minutes and seconds Try it	LF Hours, minutes and seconds Try it
One hour = ____ minutes Two hours = ____ minutes Half an hour = ____ minutes One minute = ____ seconds. Three minutes = ____ seconds. ____ minutes = 240 seconds Josh reads a chapter of his book in 5 minutes and 28 seconds. Tom reads a chapter of his book in 300 seconds. Who reads their chapter the quickest?	Five friends run a race. Their times are shown in the table. **Name** / **Time** Eva — 114 seconds Dexter — 199 seconds Teddy — 100 seconds Whitney — 202 seconds Ron — 119 seconds Which child finished the race the closest to two minutes? What was the difference between the fastest time and the slowest time? Give your answer in minutes and seconds.	Jack takes part in a sponsored silence. He says,  If I am silent for five hours at 10p per minute, I will raise £50 Do you agree with Jack? Explain why you agree or disagree. Dora says,  To convert hours to minutes, I multiply the number of hours by 60 Is she correct? Can you explain why?

Task 2

LF Years, months, weeks and days Try it	LF Years, months, weeks and days Apply it	LF Years, months, weeks and days Deepen it
There are ___ months in a year. There are ___ days in February. ___ months have 30 days, and ___ months have 31 days. There are ___ days in a year and ___ days in a leap year. Sally is 7 years and 2 months old. Macey is 85 months old. Who is older? Explain how you know	**True or false?** • 3 days > 72 hours. • $2\frac{1}{2}$ years = 29 months • 11 weeks 4 days < 10 weeks 14 days Amir, Rosie and Jack describe when their birthdays are. Amir says, My birthday is in exactly two weeks. Rosie says, My birthday is in exactly 2 months. Jack says, My birthday is in 35 days. Use the clues to work out when their birthdays are if today is the 8th June.	1. "The number of days between the 7th February and the 7th March is the same as the number of days between the 7th August and the 7th September." Do you agree? Explain your answer. 2. "8 years and 5 months is the same as 85 months." Do you agree? Explain your answer.

Task 3

LF Analogue to Digital time
Try it

The time is _____ past 10
This can also be written as _____ minutes past 10
The digital time is 10:__

Write down the digital time for all of these activities.

Netball		p.m.
Football		a.m.
Rock climbing		p.m.
Roller disco		a.m.

LF Analogue to Digital time
Apply it

Jack arrives at the train station at the time shown in the morning.

Which trains could he catch?

Destination	Departs
York	07 : 10 a.m.
New Pudsey	09 : 25 a.m.
Bramley	09 : 42 a.m.
Leeds	10 : 03 a.m.

How long will Jack have to wait for each train?

LF Analogue to Digital time
Deepen it

12 : 21

On a 12 hour digital clock, how many times will the time be read the same forwards and backwards?

Annie converts the analogue time to digital format.
Here is her answer.

22 : 02

Explain what Annie has done wrong.
What should the digital time be?

Task 4

LF Analogue to Digital time Try it	LF Analogue to Digital time Apply it	LF Analogue to Digital time Deepen it
Write these times using a 24 hour digital clock. 4pm 8pm 9pm 11pm 4:30pm 7:25pm Match the analogue and digital times.  13 : 10 07 : 10 00 : 45 21 : 20	Sally leaves school at the time shown. She arrives home 1 hour later. What will the time be on a 24 hour digital clock? Jack says,  To change any time after midday from 12 hours to 24 hours digital time just add 12 to the hours Will this always be true? Are there any examples where this isn't the case?	Three children are meeting in the park. Rosie says,  We are meeting at 14:10. Teddy says,  We are meeting at 02:10 p.m. Eva says,  We are meeting at ten to two. Will all the children meet at the same time? Explain your answer. Tom thinks that "25 minutes to 9 on an analogue clock would be written as 25:09 on a digital clock." Is he correct? Explain your answer.