

Functional Skills Maths | Lesson Starter Quiz for Public Services Learners

1. Kenny is organising a Duke of Edinburgh expedition. He knows the ratio of adults to youths should be 1:6. There are currently 25 youths. How many adults does Kenny need?	2. Jake is preparing for his work experience. He is looking at his travel costs for five days.A return ticket cost £22 per day. There is a discount of 15% if he buys a five-day ticket.How much money would he save with this discount?	3. Sarah is training for the firefighters' bleep test. These are the distances in metres she ran in her first five attempts. 1289 1330 1195 1444 1600 What is the mean distance she ran?
(1)	(1)	(1)
4. Beena has an exercise routine every week to improve her fitness.	5. Max is orienteering. They have a map for part of the route.	6. Lottie is buying equipment for a camping trip. She has all the prices on a bar chart.
Running – 1 hour 20 minutes		
Cycling – 1 ¾ hours Weights – 45 minutes	N	Cost of Camping Equipment
Weights – 45 minutes How long will these activities last in total?	N drink stop	## 150
	What is the bearing of this route?	Using the bar chart, how much does she spend in total?
(1)	(1)	(1)
7. Pinh and Erdinch are working out how much time they have available for a volunteering activity. Pinh can commit for a number of hours per day for a number of days.	8. Ali wants to improve his fitness. He runs laps around a football pitch (see below).	9. Use a reverse calculation to check your answer to question 3.
Erdinch can commit for a number of hours per week for a number of weeks.	How many laps will he need to run	
How can they work out how much time they will commit? (1)	to run a total of 10km? (1)	(1)