# Functional Skills Maths | Lesson Starter Quiz for Health and Social Care Learners

1. Laura manages a care home. She knows the ratio of carers to residents should be 1:6.

There are currently 25 residents.

How many carers does Laura need?

(1)

2. Jenny is preparing for her work experience in a care home. She is looking at her travel costs for five days.

A return ticket cost £22 per day. There is a discount of 15% if she buys a five-day ticket.

How much money would she save with this discount

(1)

3. Becky is carrying out a six-minute walk test with a series of adults. She records the distances they walk in metres.

| | | | | | |
|---|---|---|---|---|---|
| 400 | 467 | 679 | 520 | 585 | 417 |

What is the mean distance the adults walked?

(1)

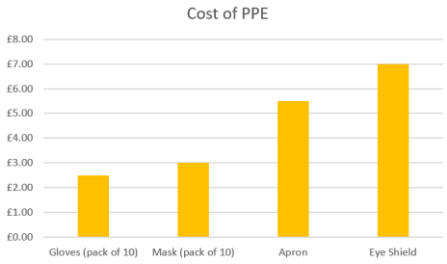
4. Riley has planned three activities for their care home.

Painting – 1 hour 20 minutes
Tea dance – 1 ¾ hours
Cards – 45 minutes

How long will these activities last in total?

(1)

5. Tom is buying PPE for his work experience. He has put the costs in a bar chart.




How much would it cost in total to buy the PPE?

(1)

6. Your care home spends £37 on food and an extra £17 on drinks every day for breakfast for residents.

How much change would they have from £400 after seven days?

(1)

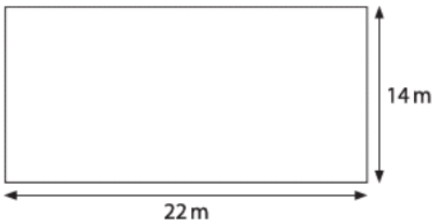
7. Karen is preparing food for residents. She has a recipe for a set number of people.

She needs to amend the recipe for a different number of people.

How would she do this?

(1)

8. Stephen walks around the edge of his garden (see below).




How far will he walk if he walks around the garden six times

(1)

9. Use a reverse calculation to check your answer to question 3.

(1)

Total Marks: _____ / 9