1. Georgia has 17 children aged 0 – 2 in her preschool.

She knows the ratio of adults to children is 1:4 for this age group.

How many adults does this group need?

2. Kia wants to put a new fence around the garden in his nursery.

Fence posts are 90cm long.

How many fence posts will he need?

3. Suzanne wants to give out healthy fruit snacks. She believes anything with over 8 grams of sugar is unhealthy.

Using the bar chart, how many of the different fruits are suitable?

4. You are planning some outdoor play activities.

Scavenger Hunt – 1 hour 10 minutes
Nature Walk – ¾ of an hour
Seashell Sorting – 20 minutes

How long will these activities take in total?

5. Frankie is buying healthy snacks. They have the following prices:
   - Flapjacks - £3.49 per pack
   - Apples - £2.50 per pack
   - Rice Cakes - £1.99 per pack

They decide to buy two packs of rice cakes, one pack of flapjacks and one pack of apples.

How much will this cost?

6. Gary runs a toddler group. This is the number of have toddlers per day across a typical week.

    7  5  8  3  8

What is the mean number of toddlers that attend the sessions?

7. Penny is the manager of a nursery for pre-school children.

She knows what the ratio of the number of adults to the number of children must be.

She knows how many children there are in the nursery.

How does she work out how many adults she needs?

8. Emma is making play dough. Her recipe says to use 14 ounces of plain flour. She knows

   1oz = 28g

She has a 500g bag of flour. Is this enough for the recipe?

9. Use a reverse calculation to check your answer to question 8.

Total Marks: ________/ 9