



Marine Litter Learners - Maths Worksheet (P1-3) Total Mark: _____ / 30

You may ask a parent/teacher to help you. Please write your answers below each question.

1) 2 volunteers are cleaning Aberdeen beach. At the end of the beach clean, each volunteer has collected 4 plastic bottles, 3 crisp packets, and 2 sweetie wrappers.

- a. How many plastic bottles were collected in total? (1 mark)

- b. How many crisp packets were collected in total? (1 marks)

- c. How many sweetie wrappers were collected in total? (1 mark)

- d. How many pieces of litter were collected in total? (2 marks)



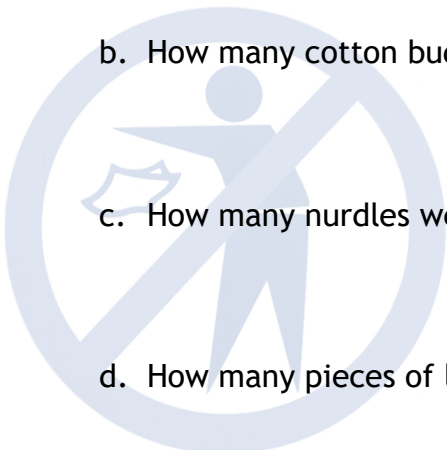
2) 3 volunteers are cleaning Stonehaven beach. At the end of the beach clean, each volunteer has collected 10 wet wipes, 20 cotton bud sticks, and 30 microplastic pellets (called nurdles).

- a. How many wet wipes were collected in total? (1 mark)

- b. How many cotton bud sticks were collected in total? (1 mark)

- c. How many nurdles were collected in total? (1 mark)

- d. How many pieces of litter were collected in total? (2 marks)



3) 3 groups of school pupils are cleaning Peterhead Lido. Each group collects the following amounts of litter in their bags:

Group 1 = 11 kilogrammes

Group 2 = 20 kilogrammes

Group 3 = 50 kilogrammes

a. How much did Group 1 and 2 collect in total? (1 mark)

b. How much did Group 1 and 3 collect in total? (1 mark)

c. How much did Group 2 and 3 collect in total? (1 marks)

d. How much did all the groups collect in total? (2 marks)



4) 3 groups of school pupils are cleaning Blackdog beach. Each group collects the following amounts of litter in their bags:

Group 1 = 15 kilogrammes

Group 2 = 25 kilogrammes

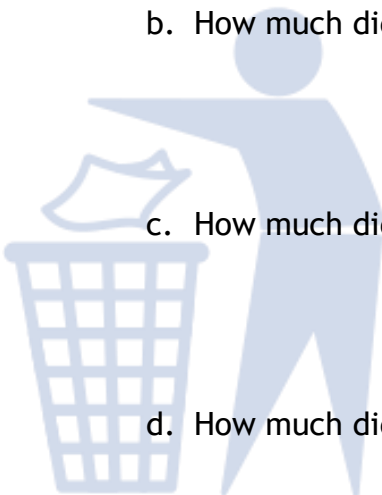
Group 3 = 30 kilogrammes

a. How much did Group 1 and 2 collect in total? (1 mark)

b. How much did Group 1 and 3 collect in total? (1 mark)

c. How much did Group 2 and 3 collect in total? (1 marks)

d. How much did all the groups collect in total? (2 marks)



5) **8 million tonnes** of litter enter the sea every year. Finish the following factual statement using **one** of the options below. (3 marks)

(Please underline the correct answer)

“This is the same as one full bin lorry of rubbish getting dumped in the sea...”

- a. Every minute
- b. Every day
- c. Every month



6) **3 volunteers** spend a morning cleaning Montrose Bay. They start at **8 o'clock** and finish at **12 o'clock**. In total, they collect **100 kilogrammes** in total by the time they finish.

- a. How many hours did the volunteers spend cleaning the beach? (1 mark)
- b. Half-way through the beach clean, the volunteers stop for a break.
 - i. What time did the volunteers stop for a break? (2 mark)
 - ii. When the volunteers stopped for a break, they had collected half of the total amount. How much did they collect? (2 marks)
- c. At the end of the beach clean, each volunteer weighed their bags to see how much they had collected.
The first two volunteers collected 30 kilogrammes each. If the total amount was 100 kilogrammes, how much did the third volunteer collect? (2 marks)



Total Mark: _____ / **30**

