

Approach: Independent

Year: 8

Focus: Adding weights

Resources: Answer booklet



Questions / instructions:

500 grams

578 grams

140 grams

8 grams

64 grams

148 grams

703 grams

728 grams

123 grams

24 grams

367 grams

Ben wants to carry as many of these things as he can in his backpack — but he doesn't want to carry more than 1 kilogram.

1. How many of these things can he fit in his backpack? **7**

% response
2005 ('01)
year 8

40 (35)

2. Circle the things he should choose.

correct with units given

22 (31)

correct without units given

15 (22)

3. What is the total weight of these circled things?

total weight given is no more than 1 kilogram

62 (53)

Total score: **4**

13 (15)

3

12 (17)

2

22 (20)

1

29 (18)

0

24 (29)

Commentary:

This task was challenging for year 8 students. There were mixed results from 2001 to 2005 but, overall, a slight decline in performance.