

Trend Task:

Super Sale

Approach: Independent

Year: 8

Focus: Discount calculations

Resources: Answer booklet

NEMP
Access
Task

Questions / instructions:

A shop is having a sale.

Write down how much is taken off the old price. Then write down the new sale price.

Example: 10% off



Savings: 20c

Sale price: \$1.80

1. **Savings:** 45c or 45



Sale price (\$4.05):
correctly calculated,
given first answer

2. **Savings:** \$1.00 or 1.00



Sale price (\$4.00):
correctly calculated,
given first answer

3. **Savings:** \$20.00 or 20.00



Sale price (\$60.00):
correctly calculated,
given first answer

4. **Savings:** \$7.50 or 7.50



Sale price (\$7.50):
correctly calculated,
given first answer

5. **Savings:** \$2 or 2.00



Sale price (\$14.00):
correctly calculated,
given first answer

Total score: 15

13–14

11–12

9–10

7–8

5–6

3–4

1–2

0

% response
2005 ('01)

year 8

39 (38)

65 (75)

34 (35)

67 (71)

43 (46)

59 (63)

58 (57)

69 (73)

15 (14)

36 (37)

10 (11)

6 (5)

10 (14)

11 (12)

11 (10)

15 (13)

12 (13)

11 (13)

13 (11)

Commentary:

Students were less able to calculate a discount than subtracting the discount to get a discounted price. There was little change in performance from 2001 to 2005.