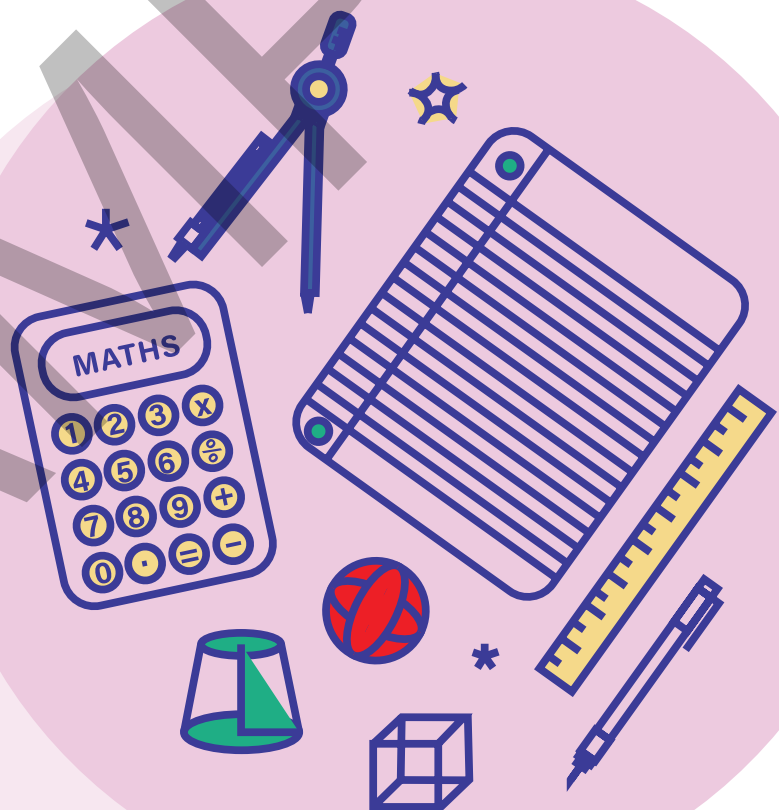


ESSENTIAL NAPLAN

NUMERACY

NAPLAN*-Format Practice Tests with Worked Solutions

*These tests have been produced by Five Senses Education Pty Ltd independently of Australian governments and are not officially endorsed publications of the NAPLAN program



YEAR **4**

RAY LEE | JIMMY LIU

To Cookie, my light,
and to Phoebe who I hope
can one day figure out all the questions in this book.

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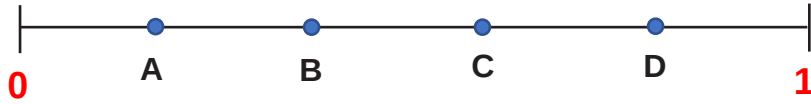
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2023 02 17

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- 1 Which letter shows where the fraction $\frac{3}{5}$ should be placed on this number line?



- 2 Ian starts washing 10 cars at 10:30 am.
It takes him 15 minutes to wash each car.
What time will he finish washing the cars?



12:00 pm

☐

12:30 pm

☐

12:45 pm

☐

1:00 pm

☐

- 3 Lisa buys 6 oranges at 45c each.
She pays with a \$20 note.
What change will she be given?



\$16.90

☐

\$17.30

☐

\$17.90

☐

\$18.30

☐

NUMERACY YEAR 4

4

There were 1203 red buttons and 765 green buttons. Billy mixed them together and packed them equally in 8 boxes.

How many buttons were in each box?



246

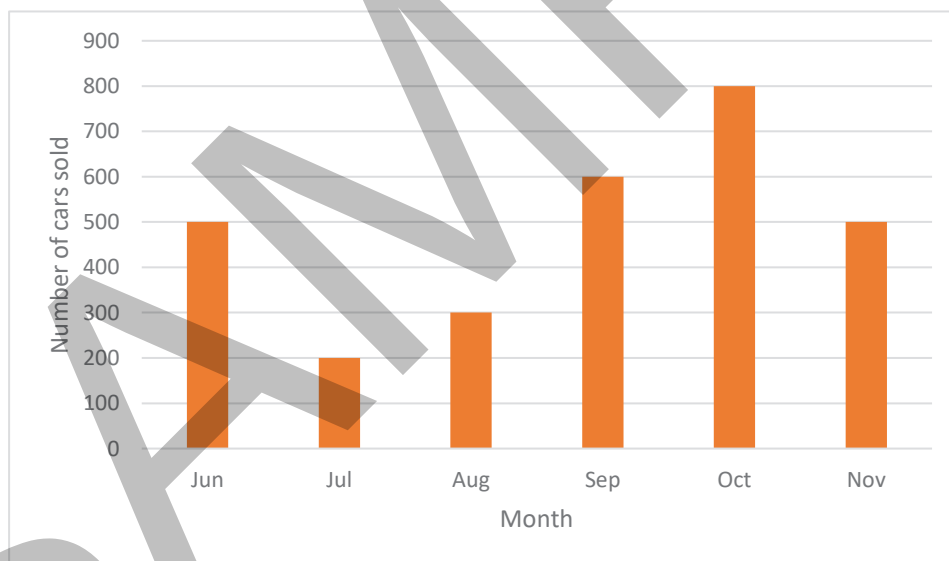
264

1968

1978

5

The bar graph below shows the number of cars sold in a showroom from June to November.



How many **more** cars were sold in October than in August?

6 Study the table below carefully.

Activities	Number of People
Folk Dancing	25
Playing Chess	58
Sailing	17
Cycling	45

The table above shows a survey of 150 club members and the activities they participate in. Each club member is only allowed to participate in one activity.

How many people do **not** take part in activities at all?

5

15

20

25

7 A table costs 6 times as much as a chair. If the chair costs \$15, how much do the table and the chair cost altogether?



\$21

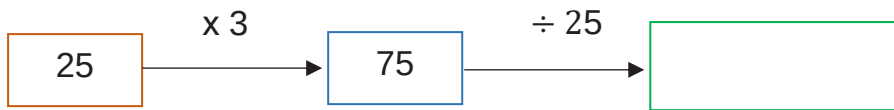
\$90

\$96

\$105

NUMERACY YEAR 4

8 What is the next number in this pattern?



9 Which one of these values has same value as 16×28 ?

- ☐ $16 \times 20 + 8$
- ☐ $16 \times 8 + 20$
- ☐ $(16 \times 20) + (16 \times 8)$
- ☐ $10 + 6 \times 28$

10 Michael signed up for Art lessons during the school holidays. The clock showed the time he reached the art centre on the first day. He was 45 minutes late. At what time, did the lesson start?



1:05pm

1:45pm

12:55pm

12:45pm

☐☐☐☐

NUMERACY YEAR 4

NAPLAN Practice Test Answers

NUMERACY 1

Question	Answer	Explanation
1	C	Every letter accounts for a 0.2 increase, therefore $\frac{3}{5}$ is equivalent to 0.6 which is C
2	1:00 pm	1 car takes 15 minutes 10 cars take 150 minutes (2 hours 30 minutes) 2 hours and 30 minutes from 10:30 = 1:00pm
3	\$17.30	1 Orange costs 45c 6 Oranges cost \$2.70 $\$20 - \$2.70 = \$17.30$
4	246	$1203 + 765 = 1968$ buttons $\frac{1968}{8} = 246$ buttons in each box
5	500	October = 800 cars sold August = 300 cars sold Difference = $800 - 300 = 500$
6	5	$25 + 58 + 17 + 45 = 145$ participating members $150 - 145 = 5$ nonparticipating members
7	\$105	$15 + (15 \times 6) = \$105$
8	3	$\frac{75}{25} = 3$
9	$(16 \times 20) + (16 \times 8)$	
10	12:45pm	$1:30\text{pm} - 45 \text{ minutes} = 12:45\text{pm}$
11	\$6	$8 \times \frac{1}{4} + 6 \times \frac{2}{3} = \$6$