

Numeracy

2026 Q3 Numeracy

Today's date:

Given name:

Family name:

Organisation:

Course:

Gender:

☐ Female

☐ Male

☐ Diverse

Date of birth:

Is English your first language?

☐ Yes

☐ No

If No, what is your first language?

What ethnic group(s) do you belong to?

(For example, New Zealand European, Māori, Samoan, Tongan.)

Learner Identification (optional)

NSN:

SMS ID:

Instructions

This is an assessment of how well you understand numeracy problems.

The practice questions below help you to understand different sorts of numeracy questions. When you have finished the practice questions please turn the page and begin the assessment. You may need to wait for your tutor to tell you when to begin.

You need to choose the answer you think is best for each question. It is a good idea to read parts of the text again before choosing each answer.

Answer every question, even if you are not quite sure of the answer. If you change your mind about an answer, rub out the answer you chose and shade in your new answer. The questions are likely to get harder as you go through the book.

There is no time limit for the assessment. You will be given about 15 questions to answer.

Practice Unit



1 How many cakes are in the cake tray?

- A ☐ 10
- B ☐ 11
- C ☐ 12
- D ☐ 13



2 How many trays do you need to bake **24** cakes at the same time?

_____ trays



- 3 You have 3 of these trays. How many cakes could you bake altogether?

_____ cakes

Show your calculations below.

12

15

14

13

11



- 4 Write these five numbers in order from **smallest** to **largest**.

Smallest _____ **Largest**



- 5 Are the numbers below larger than 20?

Circle Yes or No for **each one**.

A 7	Yes	No
B 23	Yes	No
C 31	Yes	No
D 18	Yes	No

END OF PRACTICE QUESTIONS

Extended addition facts

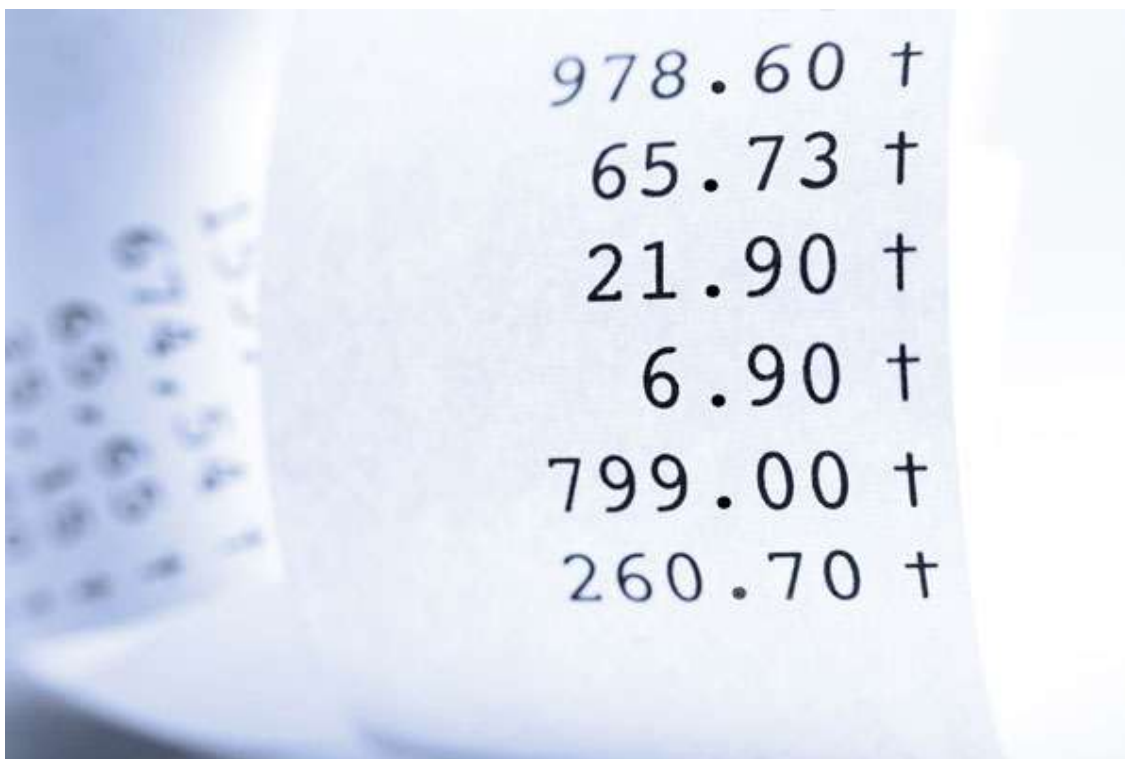


1 Do the following have a sum of 70?

Circle **Yes** or **No** for each.

A	$65 + 5$	Yes	No
B	$69 + 2$	Yes	No
C	$61 + 9$	Yes	No
D	$70 + 0$	Yes	No
E	$62 + 7$	Yes	No

Wholesale Receipt



Tane owns a wholesale business.
He printed this receipt for a customer.

2 For which of these amounts does the digit 7 have the greatest value?

- A ☐ \$978.60
- B ☐ \$65.73
- C ☐ \$799.00
- D ☐ \$260.70

3 \$21.90 is closest to which of these values?

- A ☐ \$20
- B ☐ \$21
- C ☐ \$22
- D ☐ \$219
- E ☐ \$220
- F ☐ \$2190

House auction 2



Hohepa is bidding for a house at an auction. The current bid is \$308,250.



4 What will the bid increase to if Hohepa offers another \$1,000?

- A ☐ \$308,260
- B ☐ \$308,350
- C ☐ \$309,250
- D ☐ \$319,250
- E ☐ \$409,250

Train time 2



Kayla wants to catch a train at 5:45. She checks her watch:

- 5 For how long must Kayla wait for the train?

_____ hour(s) _____ minute(s)

Marathon runners 1



6 $\frac{3}{4}$ of the runners finish the marathon.

What fraction did **not** finish the marathon?

Writing cheques 2

ANL Bank

Amount _____ **\$ 502,030**

Mrs Paora wrote this cheque to pay for a new office she built. She filled in the amount in numbers on the cheque.

- 7 What should she write in words on the cheque?
- A ☐ Five hundred and twenty-three dollars
 - B ☐ Five thousand two hundred and thirty dollars
 - C ☐ Fifty-two thousand three hundred dollars
 - D ☐ Five hundred and twenty thousand three hundred dollars
 - E ☐ Five hundred and two thousand and three dollars
 - F ☐ Five hundred and two thousand and thirty dollars

Drawers



Dezines Pine Furniture has 25 of these chests of drawers in stock.

- 8 Each chest has 3 drawers.
How many drawers do they need in total for the 25 chests of drawers?

A ☐ 22
B ☐ 25
C ☐ 28
D ☐ 50
E ☐ 65
F ☐ 75



- 9 Dezines Pine Furniture sell one-fifth ($\frac{1}{5}$) of the chests of drawers they have in stock.
How many chests of drawers did they sell?

_____ chests of drawers

Necklace profit 2



Emma makes a profit of **\$11** when she sells one necklace.



- 10** How many necklaces must Emma sell to make a profit of \$275?

_____ necklaces

Find the number 3

3

4

6

8

- 11** A 4-digit whole number uses all of the four digits shown. The number
- is greater than 5,000
 - is less than 8,000
 - has 4 hundreds
 - is an even number.

What is the number?

Festival 2



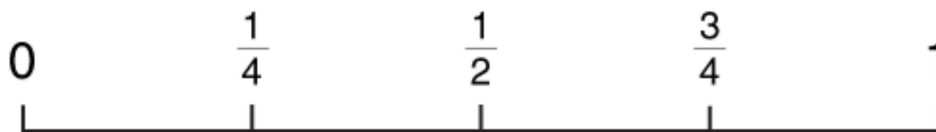
Tickets for a music festival were \$80 each. 500 tickets were sold.



- 12 How much money was received in total from ticket sales?

\$ _____

Fraction line 1



- 13 Where would the fraction $\frac{1}{3}$ be located on this scale?

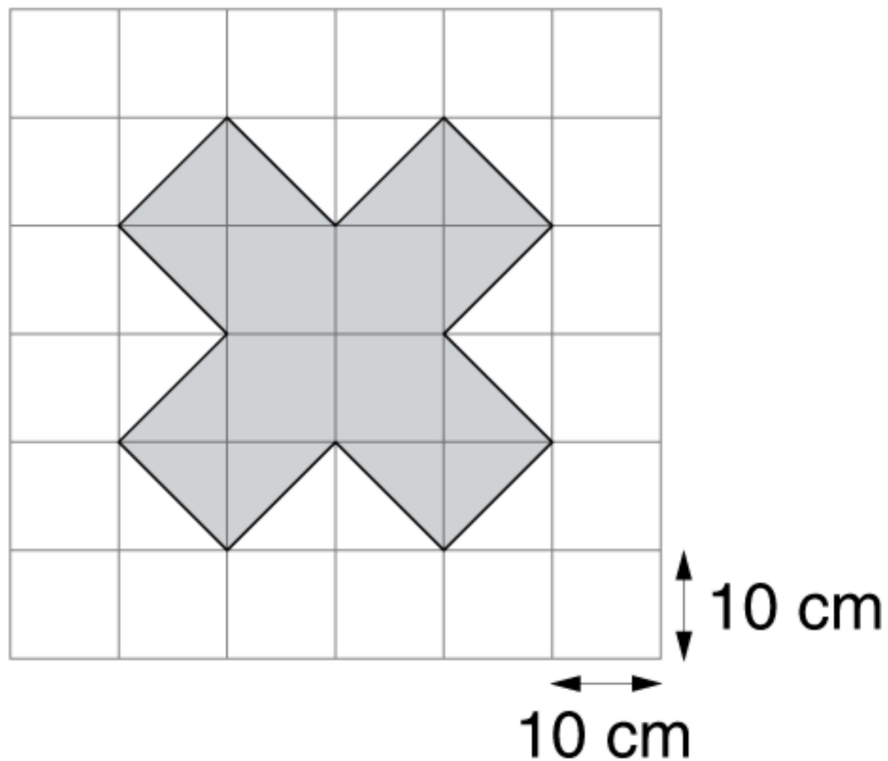
- A ☐ Between 0 and $\frac{1}{4}$
- B ☐ Between $\frac{1}{4}$ and $\frac{1}{2}$
- C ☐ Between $\frac{1}{2}$ and $\frac{3}{4}$
- D ☐ Between $\frac{3}{4}$ and 1

Weight conversions 1

14 How many kilograms in 4.3 tonnes?

- A ☐ 43
- B ☐ 430
- C ☐ 4300
- D ☐ 43,000
- E ☐ 430,000

Tiling shapes 2



Jo is tiling her patio and making patterns. She wants to tile the shaded area with grey tiles.

15 Jo can cut tiles neatly into smaller pieces if she needs them. Each tile is 10cm by 10 cm.

What is the **smallest** number of grey tiles Jo needs to tile the shaded area?

_____ tiles

END OF ASSESSMENT