

Numbers – 2025 Checkpoint Primary Math Stage 5

1. 1/No.1

Work out.

$$615 + 107 + 232$$

$$\begin{array}{r} \textcircled{1} \\ 615 \\ + 107 \\ + 232 \\ \hline 954 \end{array}$$

..... 954 [1]

2. 1/No.2

Write a number in the box to make the statement correct.

$$1694 \div 100 = \boxed{16.94}$$

$$\frac{1694}{100} = \underline{\underline{16.94}}$$

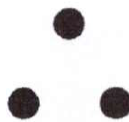
[1]

3. 1/No.3

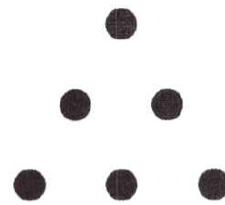
Here is the spatial pattern for the first three triangular numbers.



Pattern 1



Pattern 2



Pattern 3

Write the first three triangular numbers.

..... 1

..... 3

..... 6 [1]

4. 1/No.34

Naomi counts back from 105 in steps of 8

Samira counts on from 15 in steps of 7

Write the first negative number that Naomi says.

Number of steps to reach or go below 0

$$= \frac{105}{8} = \frac{105}{8} = 13.125$$

$$\approx 14$$

$$14 \text{ steps} \times \text{step size } 8 = 112$$

$$105 - 112 = -7$$

$$14 \times 8 = 112$$

$$105 - 112 = -7$$

$$-7$$

Write the number that both Samira and Naomi say.

$$15 + 7n \text{ is equal to } 105 - 8n.$$

$$15 + 7n = 105 - 8n$$

$$7n + 8n = 105 - 15$$

$$\frac{15n}{15} = \frac{90}{15}$$

$$n = 6$$

$$= 15 + 7(6)$$

$$= 15 + 42$$

$$= 57$$

$$105 - 8(6)$$

$$105 - 48$$

$$= 57$$

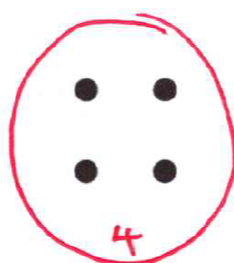
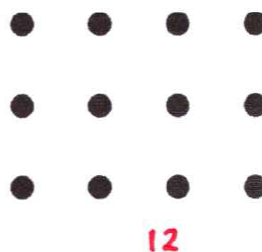
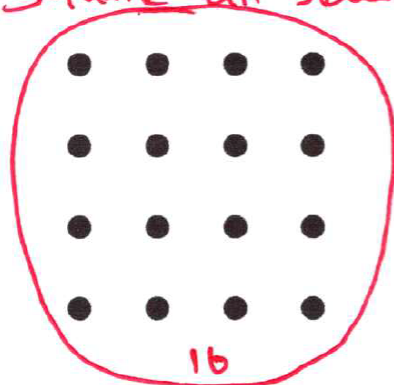
$$57$$

[2]

5. 2/No.3

Draw a ring around **each** pattern that represents a square number.

A square all sides are equal



Square numbers are, 4 and 16.

[1]

6. 2/No.27

Here is part of a sequence.

The sequence has steps of constant size and continues in the same way.

18, ... , ... , ... , ... , 53

Write the number that comes after 53

$$53 - 18 = 35$$

$$\text{Number of terms} = \frac{35}{5} = \underline{\underline{7}}$$

$$\text{Next term after 53} = 53 + 7 = \underline{\underline{60}}$$

60

[1]

7. 2/No.28

Pierre and Oliver each estimate the answer to

$$668 - 327$$

Pierre rounds each number to the nearest hundred.
He writes $700 - 300 = 400$ as his estimate.

Oliver rounds each number to the nearest ten.
He writes $670 - 330 = 340$ as his estimate.

(a) Write one advantage of using Pierre's method.

The Method is More easy and Quick
to calculate. [1]

(b) Write one advantage of using Oliver's method.

In Oliver's Method, the answer is more
accurate. [1]

8. 2/No.30

Samira chooses a 4-digit number.

- Her number has four **different** digits.
- The total of the digits in her number is 12
- Each digit in her number is greater than 0
- One of the digits is 3
- The 3 has the greatest place value in her number.

Write the largest possible 4-digit number Samira could choose.

$$\begin{array}{r}
 3261 \\
 \text{Value} = 3000 \\
 3 + 2 + 6 + 1 \\
 = 12
 \end{array}
 \quad
 \begin{array}{r}
 3 + 6 + 2 + 1 \\
 = 12 \\
 \text{Value} = 3000
 \end{array}
 \quad
 \begin{array}{r}
 3621
 \end{array}
 \quad [1]$$

9. 2/No.33

Rajiv counts on in steps of 8

The first 3-digit number he says is 103

Write the first 4-digit number he says.

$$3 \text{ digits} = 103 (99 +$$

$$4^{\text{th}} \text{ digit} = 99 + 8$$

$$= \underline{\underline{1007}}$$

1007

[1]