32. The seats in an auditorium are numbered in sequence from 1 to 224. There are 8 seats in each row.

(a) How many rows are there in the auditorium? [1]

Answer_____ rows

(b) In which row can the seat numbered 85 be found? [1]

Answer_____ row

33. Fiona bakes pastries over a period of 6 days. The number of pastries made follows a pattern as shown in the table below. The number of pastries read on Day 1 and Day 2 are **not** shown.

| **Day** | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| **Number of pastries made** | | | 36 | 41 | 47 | 54 |

How many pastries were made altogether for the 6 days? [2]

Answer_____ pastries

LIVEWORKSHEETS

34. Write the missing digit in each box below. [2]

$$\begin{array}{rcccc} & 6 & \square & 3 & 2 \\ - & 1 & 5 & 3 & 5 \\ \hline & 3 & 8 & 9 & \square \\ \hline \end{array}$$

35. A jar contains chocolate and candies. For every 3 chocolates placed into the jar, 6 candies are included. If there is a total of 63 items in the jar, how many of them are candies? [2]

Answer_____ candies

36. Write the correct number in each shape below to complete the number sentences. [2]

$299 \times 50 = (299 + \bigcirc) \times 50 - 50$

$299 \times 50 = \square \times 50 - 50$

LIVEWORKSHEETS

37. Derek collects one coin each week. The current number of coins in his collection is a factor of 60. Two weeks ago, the number of coins in his collection was a multiple of 9. How many coins does Derek have now? [2]

Answer_____ coins

38. Ria and Kelly estimated the answer to the following problem. [2]

| $80 \times 27$ |
|---|

| Ria's Estimate |
|---|
| 1600 |

| Kelly's Estimate |
|---|
| 2400 |

Explain who had the better estimate and how it was calculated.

Answer_____

LIVEWORKSHEETS

39. Joseph is keeping track of the number of push-ups he does each day for a week. The number of push-ups follows a pattern as shown in the table below. The values for Day 6 and Day 7 are **not** shown.

| **Day** | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| **Number of push-ups** | 30 | 38 | 46 | 54 | 62 | | |

How many push-ups did Joseph complete for the week? [2]

Answer_____ push-ups

40. The square root of a number is 13 more than the difference of 26 and 18.
What is the number? [2]

Answer_____

LIVEWORKSHEETS

41. Write the correct number in each shape below to complete the number sentences. [2]

$69 \times 25 = (67 + \bigcirc) \times 25 + 25$

$69 \times 25 = \square \times 25 + 25$

42. In a library, one of the bookcases has 15 shelves where each shelf can hold 12 books. The first 8 shelves were completely occupied while there were 4 books in the 9th shelf. How many books can be placed in the remaining space of the bookcase? [2]

Answer_____ books

LIVEWORKSHEETS

43. In preparation for the upcoming Student Hub excursion twelve 18-seater buses were hired to transport the Standard 5 students. Mr Springer then decided to include the Standard 4 class.

How many **more** buses will he need to hire to transport a combined total of 315 students? [2]

Answer_____ buses

44. Four digits are shown below.

| 4 | 3 | 8 | 6 |
|---|---|---|---|

Using EACH digit only ONCE, write the

(a) SMALLEST four-digit number [1]

Answer_____

(b) LARGEST four-digit even number [1]

Answer_____

LIVEWORKSHEETS

45. When a number was divided by 14, the quotient was 8 more than 56 and the remainder was 9. What was the number? [3]

Answer_____

46. A gardener is planting rows of flowers and the number of flowers in each row follows a pattern. The pattern is shown below.

| Row Number | Number of Flowers |
|---|---|
| 1 | 7 |
| 2 | 12 |
| 3 | 17 |
| 4 | 22 |

(a) What is the pattern rule for the number of flowers in each row? [1]

Answer_____

(b) Using the same rule, how many flowers will be planted in row number 9? [1]

Answer_____ flowers

LIVEWORKSHEETS

(c) For which row number will 62 flowers be planted? [1]

Answer_____

LIVEWORKSHEETS