



NAME:

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PLEASE NOTE:

- Questions must be answered on the question paper in the blocks provided.
- Read the questions carefully.
- You may **not** use a calculator.
- Learners may write as individuals or pairs.
- Learners must print their names on the top of this paper.
- Have fun!

CASIO



Please circle the correct letter for questions 1-10 and fill the answers in the blocks provided for questions 11-25. Each question is worth 1 mark unless stated otherwise.

1) What number must be written in the to make the following number sentence true?

$$25 + \square = 31$$

- a) 7 b) 6 c) 5 d) 4 e) 3

2) What answer do you get when you double 49?

- a) 78 b) 79 c) 88 d) 89 e) 98

3) What answer do you get when you halve 118? ?

- a) 54 b) 59 c) 64 d) 69 e) 74

4) Which of these sums has the largest answer?

- a) 3×4 b) 2×6 c) 12×1 d) 25×0 e) 4×5

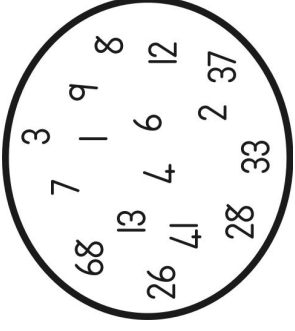
5) School starts at 8:40 a.m. It takes me 38 minutes to prepare for school and another 15 minutes to walk to school. What time do I need to leave home to get to school on time?

- a) 8:35 a.m. b) 8:25 a.m. c) 7:35 a.m. d) 7:25 a.m. e) 7:45 a.m.

6) If this month is October, what month will it be in 26 months time?

- a) October b) November c) December d) January e) February

7) How many even numbers are in the circle below?



- a) 6 b) 7 c) 8 d) 9 e) 10

8) How many legs will 8 dogs and 5 chickens have altogether?



- a) 42 b) 44 c) 46 d) 48 e) 19

9) In the block below, how many numbers are both greater than 8 and less than 40.

33	7	3	9	28
68	1	8	2	54
26	41	4	6	37
			12	66

- a) 6 b) 7 c) 8 d) 9 e) 10

10) Which number is exactly halfway between 19 and 30?

- a) 24 b) $24\frac{1}{2}$ c) 25 d) $25\frac{1}{2}$ e) $26\frac{1}{2}$

11) Sam has 53 sweets. She eats 17 and gives away 14. How many sweets does she have left?

12) Bella has 81 stickers and Di has 13. Lindy has twice as many stickers as both of the girls together. How many stickers do they have altogether?

13) Everyday, David wins 8 marbles more than the day before. If he started with 4 marbles, how many marbles will he have after 3 days?

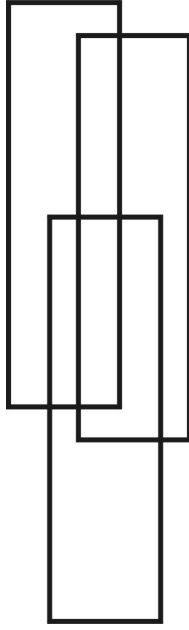
14) One third of a school does sport. Half of the remainder do chess and the other half take part in drama. If there are 12 learners doing drama, how many learners are in the school altogether?

15) Ben has R147,00. He will save half and wants to buy a T-shirt for R32,50 and a pair of jeans for R48,80. Can he afford both items?

16) Which number in place of # will make the number sentence below, true?

$$20 - 4 = \# - 20$$

17) How many rectangles are in the diagram below?



18) Bella opens her book and looks at the page numbers at the bottom of both pages. If their product is 110, what is the sum of the two page numbers?

19) What number comes next in the number pattern below?

4; 2; 1; $\frac{1}{2}$; ?

20) If

$$2^1 = 2$$

$$2^2 = 2 \times 2 = 4$$

$$2^3 = 2 \times 2 \times 2 = 8$$

Calculate: 2^6

21) If Jack cycles at a speed of 12 km per hour, how long would it take him to cycle 1 km?

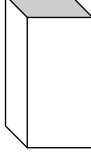


22) In the Shape Sudoku below, you must use 4 rectangles, 4 triangles, 4 circles and 4 squares. Each column and each row must have one of each shape. Each block of four, outlined by heavy lines must also have one of each shape. What shape should be where the A appears in the diagram below?

	A		

23) A zoo has some ostriches and some giraffes. Altogether they have 30 eyes and 44 legs. How many giraffes are in the zoo?

24) A brick has a mass of 2 kg. If you halve the height, double the width and double the length of the brick, how much would it weigh?



25) If $\blacklozenge \blacklozenge = \heartsuit \heartsuit$ and $\spadesuit \spadesuit = \clubsuit \clubsuit$ then how many \heartsuit do you need to equal $\blacklozenge \blacklozenge \blacklozenge \blacklozenge$?

Paper written by Steve Sherman

$\frac{\quad}{25}$
