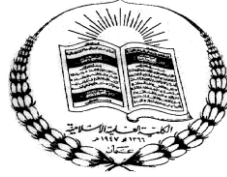


Islamic Educational College

Jabal Amman / Al-Jubeiha



Math Booklet

First Semester

2025-2026

Grade 3

My name is:



Number Patterns



Write the numbers that come next.

1.

1, 3, 5, 7, 9, _____, _____, _____ ...

2.

2, 4, 6, 8, 10, _____, _____, _____ ...

3.

24, 34, 44, 54, _____, _____, _____ ...

4.

3, 6, 9, 12, 15, _____, _____, _____ ...

5.

35, 40, 45, 50, _____, _____, _____ ...

6.

11, 22, 33, 44, _____, _____, _____ ...

7.

9, 19, 29, 39, _____, _____, _____ ...



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Chapter 1 / lesson 2

Outcomes: Create and compare patterns that have the same rule.

Date: / /

Exercise 1: Complete the following patterns. Then write each pattern's rule.

14	18	22	___	___	___
----	----	----	-----	-----	-----

Rule: _____

28	26	24	___	___	___
----	----	----	-----	-----	-----

Rule: _____

65	___	75	80	___	___
----	-----	----	----	-----	-----

Rule: _____

36	30	24	___	___	___
----	----	----	-----	-----	-----

Rule: _____

90	___	96	99	___	___
----	-----	----	----	-----	-----

Rule: _____



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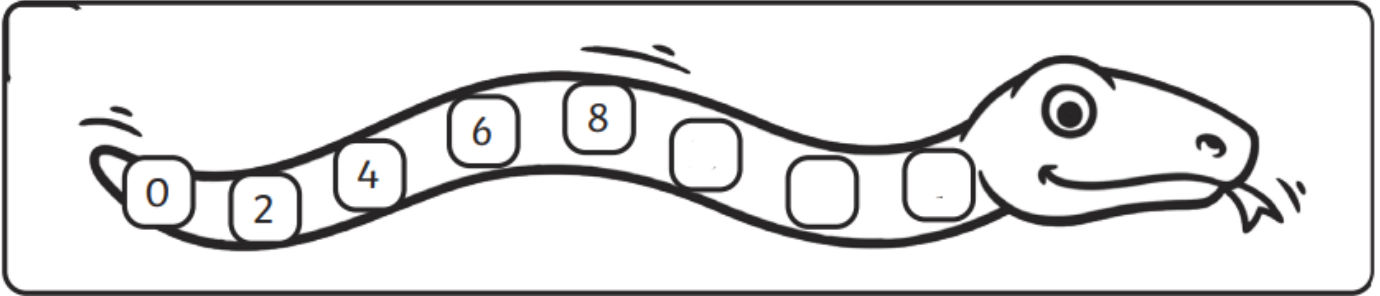
Chapter 1 / lesson 3

Outcomes: Create and describe increasing patterns.

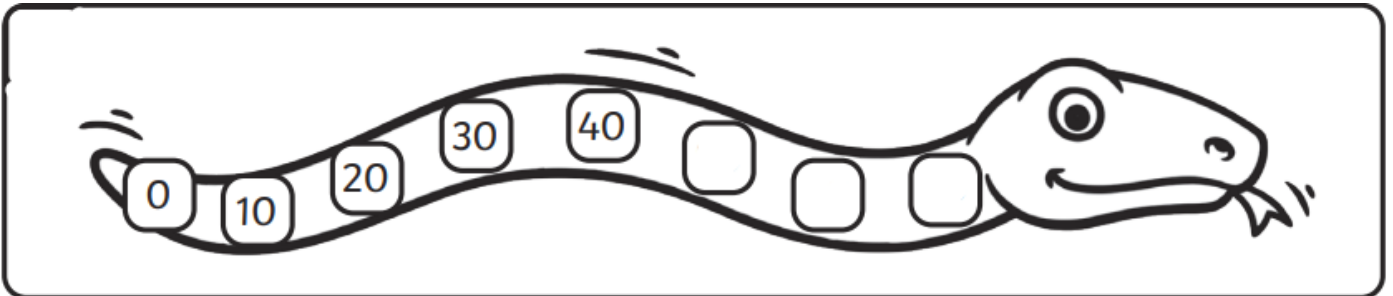
Date: / /

Exercise 1: Complete then color:

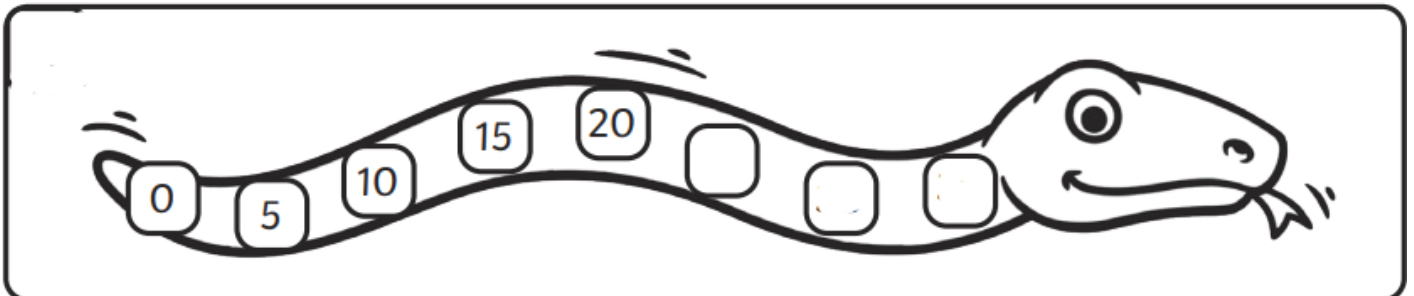
1.



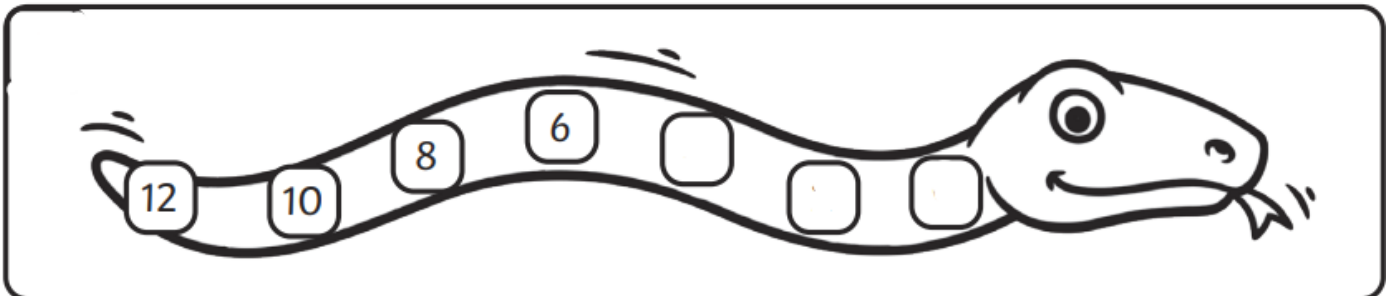
2.



3.



4.





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Chapter 1 / lesson 4

Outcomes: Describe how a decreasing pattern gets smaller, and continue the pattern.

Date: / /

Exercise 1: Fill in the missing numbers:

a) 2, 4, 6, _____, 10, _____, _____, 16, 18

b) 23, 28, 33, 38, _____, _____, 53, 58

Exercise 2: What kind of pattern is this? You can choose from an increasing pattern or a decreasing pattern.

a) 5, 10, 15, 20, 25, 30

This is _____ pattern

b) 100, 90, 80, 70, 60, 50

This is _____ pattern

c) 40, 42, 44, 46, 48, 50

This is _____ pattern



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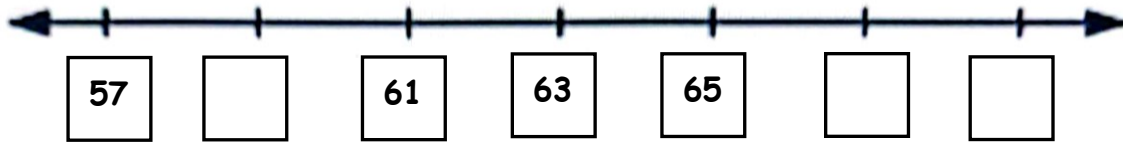
Chapter 1 / lesson 5

Outcomes: Show a pattern in a way that can help you solve a problem.

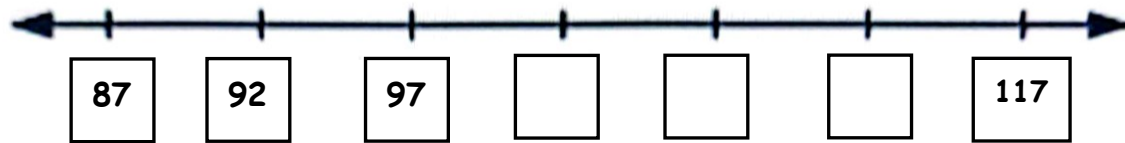
Date: / /

Exercise 1: Write the missing number:

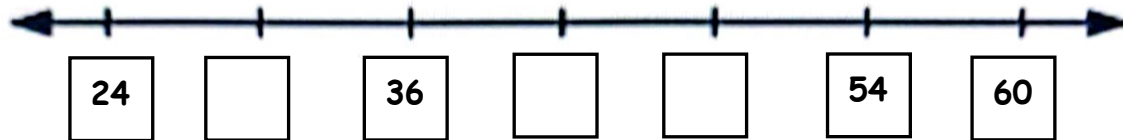
a)



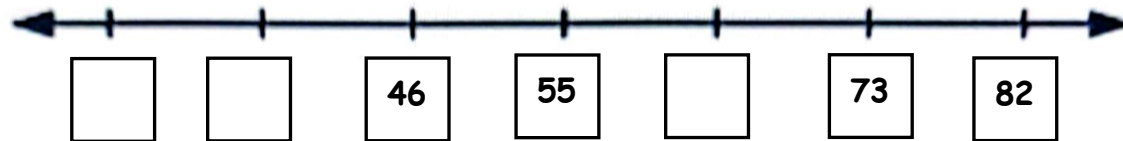
b)



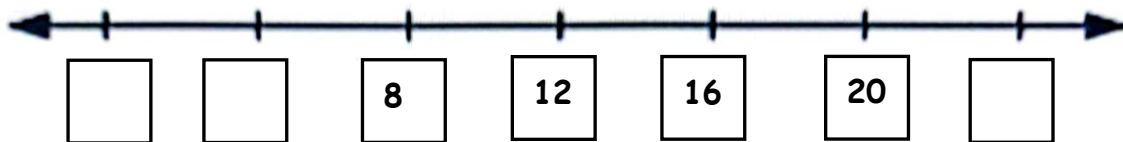
c)



d)



e)





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Chapter 1 / lesson 6

Outcomes: Show increasing and decreasing patterns on a 100 chart.

Date: / /

Exercise 1: Complete the following chart.

1	2		4		6	7		9	10
11		13		15	16	17	18		20
	22	23	24		26	27		29	30
31	32		34	35		37	38		40
41	42		44		46	47		49	
51		53		55		57		59	60
61		63		65	66		68		70
	72		74		76		78		80
81		83		85		87		89	
91	92		94		96		98	99	100



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Chapter 2/ Lesson 1

Outcomes: Represent 3-digit numbers in different ways.

Date: / /

Exercise 1: Model each number:

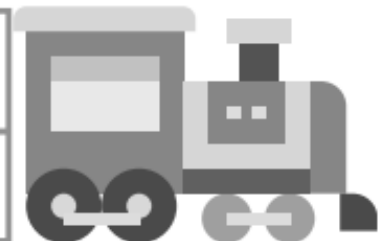
1 138

Hundreds	Tens	Ones



2 530

Hundreds	Tens	Ones



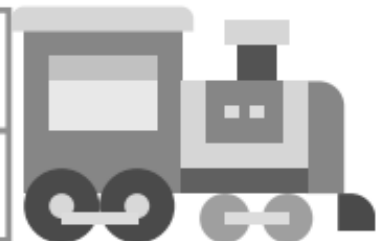
3 904

Hundreds	Tens	Ones



4 62

Hundreds	Tens	Ones



5 446

Hundreds	Tens	Ones





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Chapter 2/ Lesson 2

Outcomes: Use regrouping to rename numbers.

Date: / /

Exercise 1: Model each number:

	hundreds	tens	ones
	hundreds	tens	ones
	hundreds	tens	ones
	hundreds	tens	ones



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Chapter 2/ Lesson 3

Outcomes: Model 3-digit numbers.

Date: / /

Exercise 1: Shade the cells in the grid containing the following numbers. (Use colours)

3 tens/ 5 ones

2 tens / 5 ones

1 one/ 5 tens

3 ones/ 3 tens

5 tens

4 tens/ 5 ones

7 ones/ 4 tens

6 tens

3 tens/ 9 ones

32	51	62	58	65	50	46
28	47	43	39	35	31	27
25	29	33	37	41	45	26
48	52	56	60	64	49	30
44	63	66	69	76	53	34
40	59	85	99	94	57	38
36	55	70	89	19	61	42



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Chapter 2/ Lesson 4

Outcomes: Compare and order whole numbers

Date: / /

Exercise 1: Fill each circle with the correct sign.



> is greater than



= is equal to



< is less than

80 ○ 18

75 ○ 75

77 ○ 52

64 ○ 44

65 ○ 65

53 ○ 36

71 ○ 17

78 ○ 80

56 ○ 56

56 ○ 55

29 ○ 80

41 ○ 41



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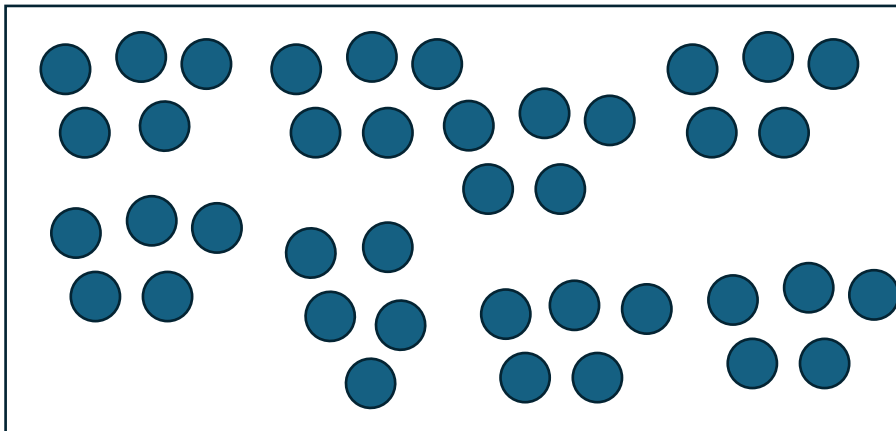
Chapter 2/ Lesson 7

Outcomes: Use amounts you know to estimate other amounts.

Date: / /

Exercise 1: Estimate.

1.



Mark the answer:

- a. about 20
- b. about 10
- c. about 40

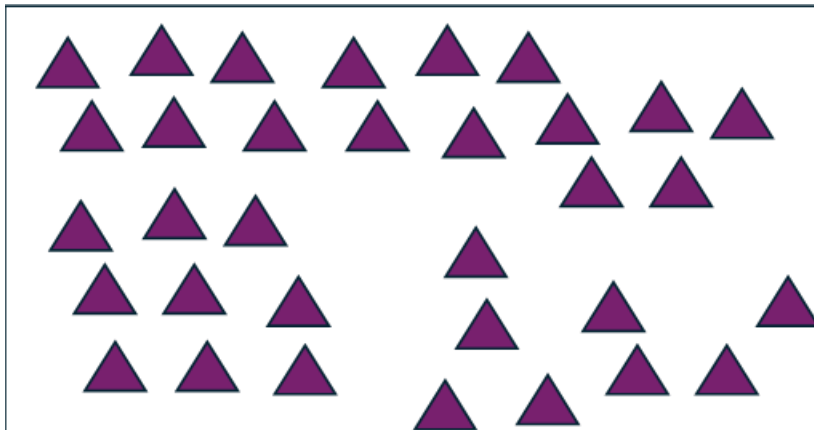
2.



Mark the answer:

- a. about 30
- b. about 5
- c. about 50

3.



Mark the answer:

- a. about 30
- b. about 60
- c. about 70



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Chapter 2/ Lesson 8

Outcomes: Explore and describe 1000

Date: / /

Exercise 1: Fill in the missing numbers:

Count by 10s	Count by 100s	Count by 1000s
80	700	1000
90	800	2000
110	1000	
		5000
140	1300	7000

The End !

