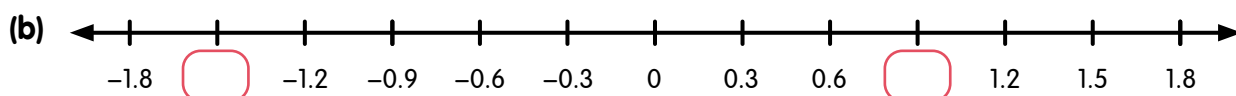
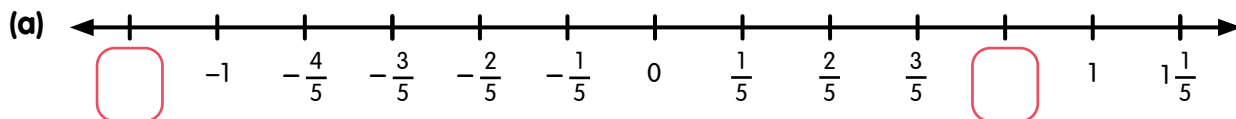


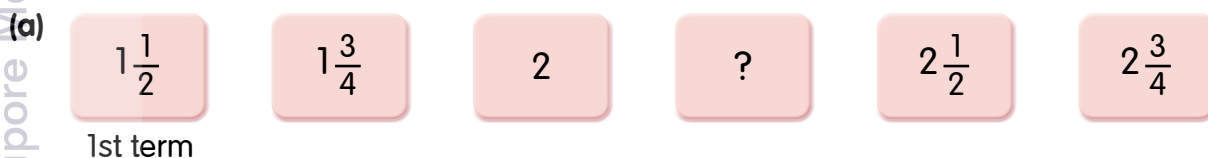
Chapter A More on Numbers

Worksheet 1 Number Sequences

- 1 For each number sequence, fill in the missing numbers, fractions or mixed numbers.

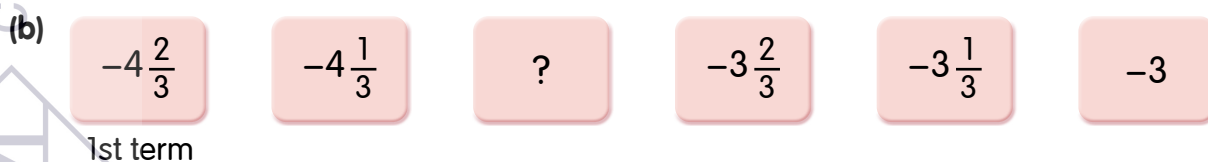


- 2 The following are number sequences.



The **rule** is to add $\boxed{}$ to find the next number.

The 4th term is $\boxed{}$.



The **rule** is to add $\boxed{}$ to find the next number.

The 3rd term is $\boxed{}$.

(c)

-4.4

-4

-3.6

A

-2.8

B

-2

1st term

The **rule** is to add to find the next number.

A =

B =

(d)

-2.123

-2.126

E

F

-2.135

-2.138

1st term

The **rule** is to subtract to find the next number.

E =

F =

3 Fill in the boxes to complete the puzzle.

-5.15

-5.1

-5.05

-5.5

-4.95

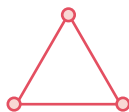
-6

-19.5

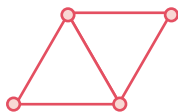
-13

0

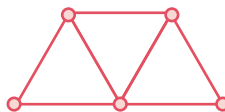
-7.0

Worksheet 2 **Pattern Sequences****1** Look at the figures below.

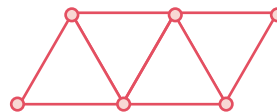
1st figure



2nd figure



3rd figure



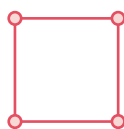
4th figure

- (a)** Find the number of lines in each figure.
Fill the table using repeated addition and multiplication.

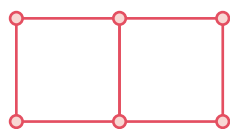
Figure	Using Repeated Addition	Using Multiplication
1st		
2nd		
3rd		
4th		

- (b)** Using multiplication, find the number of lines in the 8th figure.

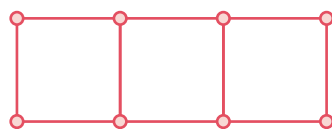
2 Look at the figures below.



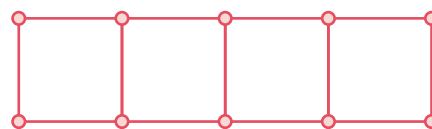
1st figure



2nd figure



3rd figure



4th figure

(a) Find the number of lines in each figure.

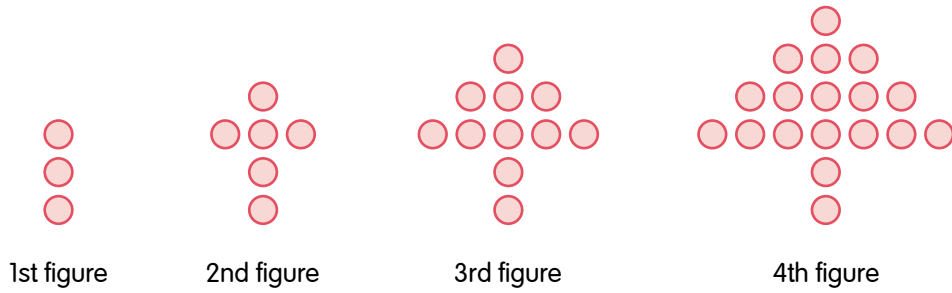
Fill the table using repeated addition and multiplication.

Figure	Using Repeated Addition	Using Multiplication
1st		
2nd		
3rd		
4th		

(b) Using multiplication, find the number of lines in the 10th figure.



3 Look at the figures below.



(a) Find the number of dots from the 1st to the 4th figures.

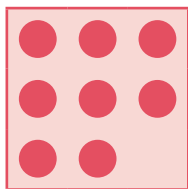
Figure	1st	2nd	3rd	4th
Number of dots				

(b) Find the number of dots in the 20th figure.

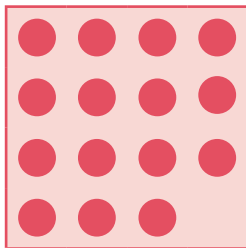
4 Look at the figures below.



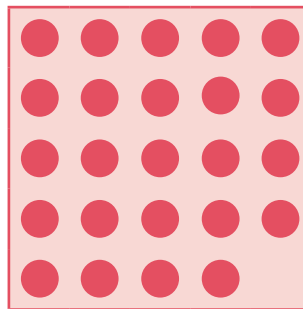
1st figure



2nd figure



3rd figure



4th figure

(a) Find the number of dots from the 1st to the 4th figures.

Figure	1st	2nd	3rd	4th
Number of dots				

(b) Find the number of dots in the 10th figure.

Copyrights of Singapore Math Inc.



Worksheet 3 **Cube Numbers**Tick (✓) the box for the equations that are **true**.

1 $2 \times 2 \times 2 = 2 \times 2^3$ ☐

$2 \times 2^2 = 2 \times 2 \times 2$ ☐

$3 \times 2 = 2^3$ ☐

$2^3 = 2 \times 2 \times 2$ ☐

2 $3 \times 3 \times 3 = 3^2 \times 3^2$ ☐

$3 \times 3 \times 3^2 = 3^2 \times 3$ ☐

$3^2 \times 3 = 3^3$ ☐

$3^3 = 3 \times 3 \times 3$ ☐

3 $4^2 \times 4 \times 4 = 64$ ☐

$4 \times 4^2 = 64$ ☐

$4^3 \times 4 = 64$ ☐

$4 \times 4 \times 4 \times 4 = 64$ ☐

4 $5 \times 5^3 \times 5 = 125$ ☐

$5^2 \times 5 = 125$ ☐

$5^3 \times 1 = 125$ ☐

$5 \times 5 \times 5 = 125$ ☐