

Patterns

Workout 1

Extend the patterns. Draw the next three pictures.

①		_____	_____	_____
②		_____	_____	_____
③		_____	_____	_____
④		_____	_____	_____

Extend the number patterns. Write the next 3 numbers and the rules.

⑤	72	66	60	54	48	_____	_____	_____
	Rule	_____						
⑥	51	54	53	56	55	_____	_____	_____
	Rule	_____						
⑦	1	2	4	7	11	_____	_____	_____
	Rule	_____						
⑧	1	3	7	13	21	_____	_____	_____
	Rule	_____						

Workout 2

Look for the patterns. Fill in the missing numbers and write 1 more pair of number sentences.

⑨	20 - 2 = 18	⑩	18 + 2 = 20
	21 - 3 = 18		18 + 3 = _____
	22 - _____ = 18		18 + _____ = 22
	_____ - _____ = 18		18 + _____ = _____

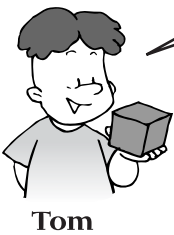
Reminder

Use addition to help you guess the missing term in a subtraction sentence and vice versa.

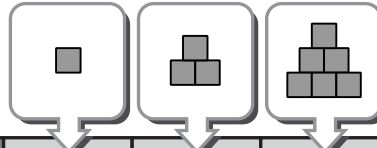
Workout 3

The children are playing with building blocks. Look at the front view of the building patterns and complete the charts. Then answer the question.

⑪



I use cubes only.

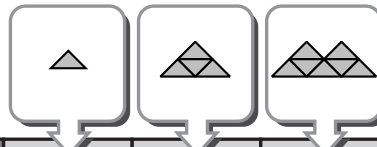


Group	1	2	3	4	5	6
No. of	1	3				

⑫

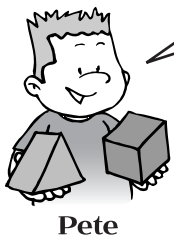


I use triangular prisms.

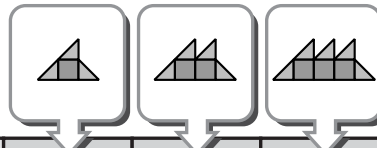


Group	1	2	3	4	5	6
No. of	1					

⑬



I use both types of blocks.



No. of	1	2	3	4	5	6
No. of						

⑭ How many does Pete need if he uses 16 ? _____

EXTRA Workout

Uncle Tim is ploughing his field to grow plants. Read what he says and complete the chart and the statement.

⑮



I plough 2 square units of my field the 1st day. Then I extend the length and width of the field by 1 unit each every day.

Day	1	2	3	4	5	6
Area of field ploughed (square units)	2	6				

Day 1 Day 2



⑯ On day 10, Uncle Tim will plough _____ square units of his field.