Problem Solving: Looking for a Pattern (1)

1. Find the pattern. Complete the following tables.

There are 9 bicycles. Each bicycle has 2 wheels. How many wheels are there in all?

Numbers of bicycles	1								
Number of wheels	2								

There are _____ wheels in all.

There are 7 pentagons. How many corners and sides are there in all?

Number of pentagons	1						
Number of sides	5						
Number of corners	5						

There are _____ sides and _____ corners in all.

2. Fill in the blanks in the following pattern.

10, _____, 30, 40, _____, _____, _____

Explain how you found the missing numbers.

_____

_____

_____

_____

_____

Problem Solving: Looking for a Pattern (2)

1. Find the pattern. Complete the following tables.

There are 5 tricycles. Each tricycle has 3 wheels. How many wheels are there in all?

Number of tricycles	1				
Number of wheels	3				

There are _____ wheels in all.

There are 10 trapezoids. How many corners and sides in all?

Number of trapezoids	1									
Number of sides	4									
Number of corners	4									

There are _____ sides and _____ corners in all.

2. Continue the following pattern.

25, _____, 35, 40, _____, _____, _____, _____

Explain how you continued the pattern.

_____

_____

_____

_____

_____