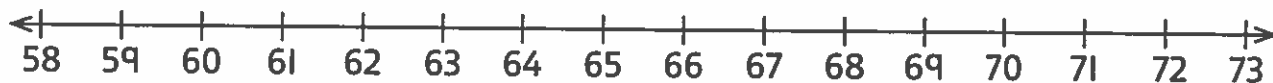
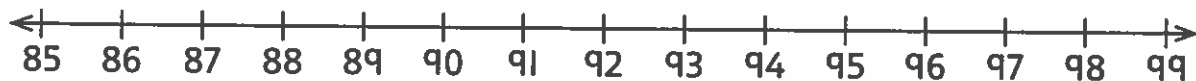


PA3-4 Number Patterns Made by Subtracting

I. Find the gap between the numbers.



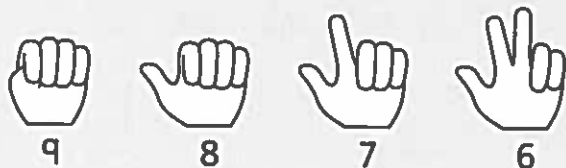
- a) 66 $\text{\textcircled{-5}}$ 61 b) 69 $\text{\textcircled{\quad}}$ 67 c) 60 $\text{\textcircled{\quad}}$ 58 d) 68 $\text{\textcircled{\quad}}$ 61
 e) 81 $\text{\textcircled{\quad}}$ 79 f) 70 $\text{\textcircled{\quad}}$ 67 g) 72 $\text{\textcircled{\quad}}$ 68 h) 61 $\text{\textcircled{\quad}}$ 58



- i) 93 $\text{\textcircled{\quad}}$ 88 j) 91 $\text{\textcircled{\quad}}$ 85 k) 93 $\text{\textcircled{\quad}}$ 89 l) 97 $\text{\textcircled{\quad}}$ 94
 m) 91 $\text{\textcircled{\quad}}$ 87 n) 98 $\text{\textcircled{\quad}}$ 89 o) 96 $\text{\textcircled{\quad}}$ 86 p) 95 $\text{\textcircled{\quad}}$ 92

What number is 3 less than 9? Or, what is $9 - 3$?

Kathy finds the answer by counting backwards on her fingers.



Kathy has 3 fingers up. The number 6 is 3 less than 9. So $9 - 3 = 6$.

2. Subtract.

- a) 5 $\text{\textcircled{-2}}$ 3 b) 9 $\text{\textcircled{-3}}$ c) 8 $\text{\textcircled{-4}}$ d) 7 $\text{\textcircled{-1}}$
 e) 7 $\text{\textcircled{-5}}$ f) 6 $\text{\textcircled{-4}}$ g) 3 $\text{\textcircled{-1}}$ h) 11 $\text{\textcircled{-2}}$
 i) 10 $\text{\textcircled{-6}}$ j) 13 $\text{\textcircled{-2}}$ k) 19 $\text{\textcircled{-4}}$ l) 18 $\text{\textcircled{-3}}$
 m) 36 $\text{\textcircled{-2}}$ n) 47 $\text{\textcircled{-4}}$ o) 59 $\text{\textcircled{-3}}$ p) 76 $\text{\textcircled{-5}}$

3. Find the missing number.

a) _____ is 2 less than 6.

b) _____ is 2 less than 8.

c) _____ is 3 less than 8.

d) _____ is 5 less than 17.

e) _____ is 4 less than 20.

f) _____ is 6 less than 20.

g) _____ is 7 less than 28.

h) _____ is 4 less than 32.

i) _____ is 5 less than 40.

j) _____ is 4 less than 57.

In a number pattern made by subtracting, each number is less than the number before it.

Extend the number pattern.

11, 9, 7, _____, _____

Step 1: Find the gap.

11, 9, 7, _____, _____

-2
 -2
 -2
 -2

Step 2: Extend the number pattern.

11, 9, 7, 5, 3

-2
 -2
 -2
 -2

4. Extend the number pattern by subtracting.

a) 10, 9, 8, _____, _____

b) 14, 12, 10, _____, _____

c) 23, 22, 21, _____, _____

d) 24, 21, 18, _____, _____

e) 90, 80, 70, _____, _____

f) 45, 40, 35, _____, _____

g) 81, 79, 77, _____, _____, _____

5. Ben has 10 sticks of gum on Thursday.

He chews 2 each day.

How many sticks of gum does he have left on Saturday?

10
Thursday

Friday

Saturday

