

Helen finds the **difference** between 15 and 12 by counting on her fingers. She says "12" with her fist closed, then counts to 15, raising one finger at a time.



12



13



14



15

When she says "15", she has raised 3 fingers. So the difference or "gap" between 12 and 15 is 3.

1. Find the difference between the numbers by counting up. Write your answer in the circle.
(If you know your subtraction facts, you may find the answer without counting.)

a) 2 5

b) 3 8

c) 6 8

d) 4 9

e) 12 16

f) 13 17

g) 21 26

h) 37 39

i) 26 29

j) 32 37

k) 24 29

l) 44 47

m) 51 55

n) 46 49

o) 28 32

p) 34 39

q) 89 91

r) 62 71

s) 87 89

t) 59 63

BONUS:

u) 96 101

v) 79 83

w) 98 104

x) 117 122

y) 219 223

z) 146 151

aa) 99 108

bb) 99 107

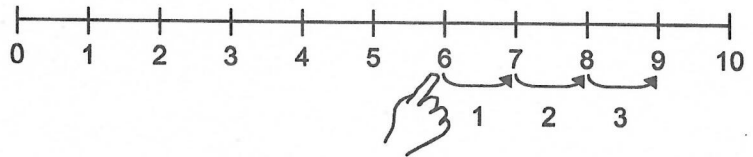
TEACHER:

To help your students recognize the gap between numbers, give your students daily practice with the mental math exercises provided in the Teacher's Guide.

What number added to 6 gives 9?

$$6 + \boxed{} = 9$$

Anne counts 3 spaces between 6 and 9 on a number line:

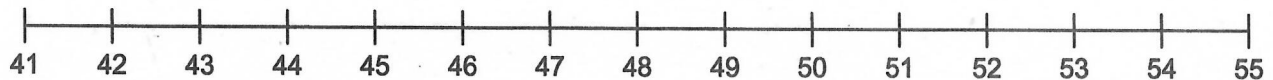


so: $6 + \boxed{3} = 9$

and: 9 is 3 more than 6

and: 3 is called the **difference** between 9 and 6

2. Use the number line (or count up) to find the difference between the numbers.



a) 42 ○ 45

b) 43 ○ 47

c) 51 ○ 54

d) 44 ○ 51

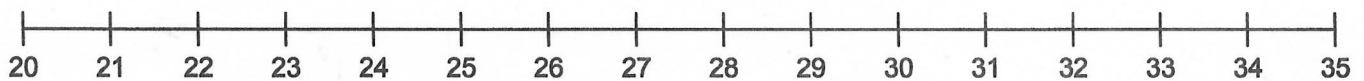
e) 42 ○ 44

f) 49 ○ 53

g) 47 ○ 48

h) 45 ○ 49

3. Use the number line (or count up) to find the difference between the numbers.



a) $23 + \boxed{2} = 25$

b) $22 + \boxed{} = 26$

c) $24 + \boxed{} = 27$

d) $\boxed{} + 22 = 24$

e) $23 + \boxed{} = 30$

f) $\boxed{} + 28 = 31$

BONUS:



4. Fill in the missing number.

a) 25 is _____ more than 23

b) 30 is _____ more than 27

c) 53 is _____ more than 46

d) 32 is _____ more than 29

e) 28 is _____ more than 25

f) 26 is _____ more than 25

g) 50 is _____ more than 49

h) 47 is _____ more than 43

i) 53 is _____ more than 48

PA4-2: Preparation for Increasing Sequences

What number is 4 more than 16? (Or: What is $16 + 4$?)

Alissa finds the answer by counting on her fingers. She says 16 with her fist closed, then counts up from 16 until she has raised 4 fingers.



16



17



18



19



20

The number 20 is 4 more than 16.

1. Add the number in the circle to the number beside it. Write your answer in the blank.

a) 5 (4) _____

b) 8 (2) _____

c) 7 (3) _____

d) 3 (4) _____

e) 17 (5) _____

f) 18 (4) _____

g) 14 (8) _____

h) 19 (6) _____

i) 30 (8) _____

j) 27 (9) _____

k) 34 (7) _____

l) 32 (5) _____

BONUS:

m) 67 (2) _____

n) 85 (5) _____

o) 42 (3) _____

p) 68 (4) _____

q) 54 (6) _____

r) 63 (5) _____

s) 98 (4) _____

t) 93 (8) _____

2. Fill in the missing numbers.

a) _____ is 4 more than 6

b) _____ is 6 more than 5

c) _____ is 5 more than 7

d) _____ is 1 more than 19

e) _____ is 6 more than 34

f) _____ is 5 more than 18

g) _____ is 8 more than 29

h) _____ is 7 more than 24

i) _____ is 8 more than 37