

PA3-2 Number Patterns Made by Adding

What number is 4 more than 16? Or, what is $16 + 4$?

Find the answer by counting on your fingers.

Say 16 with your fist closed. Then count on from 16 until you have 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.

a) 7 $\textcircled{2}$ _____

b) 9 $\textcircled{3}$ _____

c) 6 $\textcircled{4}$ _____

d) 17 $\textcircled{3}$ _____

e) 19 $\textcircled{4}$ _____

f) 13 $\textcircled{8}$ _____

g) 31 $\textcircled{5}$ _____

h) 27 $\textcircled{9}$ _____

i) 32 $\textcircled{5}$ _____

j) 42 $\textcircled{7}$ _____

k) 84 $\textcircled{5}$ _____

l) 62 $\textcircled{3}$ _____

m) 54 $\textcircled{6}$ _____

n) 63 $\textcircled{5}$ _____

o) 93 $\textcircled{4}$ _____

p) 87 $\textcircled{5}$ _____

q) 82 $\textcircled{4}$ _____

r) 94 $\textcircled{3}$ _____

s) 75 $\textcircled{6}$ _____

t) 97 $\textcircled{2}$ _____

2. Fill in the missing number.

a) _____ is 3 more than 8.

b) _____ is 3 more than 7.

c) _____ is 4 more than 6.

d) _____ is 1 more than 8.

e) _____ is 5 more than 4.

f) _____ is 5 more than 32.

g) _____ is 8 more than 37.

h) _____ is 7 more than 54.

BONUS ►

i) _____ is 8 more than 92.

j) _____ is 5 more than 95.

k) _____ is 3 more than 97.

l) _____ is 4 more than 96.

Continue the number pattern.

6 , 8 , 10 , 12 , _____

Step 1: Find the gap between the first two numbers.

6 $\textcircled{2}$, 8 $\textcircled{\quad}$, 10 $\textcircled{\quad}$, 12 $\textcircled{\quad}$, _____

Step 2: Check that the gap between the other numbers is also 2.

6 $\textcircled{2}$, 8 $\textcircled{2}$, 10 $\textcircled{2}$, 12 $\textcircled{2}$, _____

Step 3: Add 2 to the last number.

6 , 8 , 10 , 12 , 14

3. Find the gap between the numbers. Then continue the number pattern.

a) 3 $\textcircled{\quad}$, 5 $\textcircled{\quad}$, 7 $\textcircled{\quad}$, _____ , _____

b) 0 $\textcircled{\quad}$, 3 $\textcircled{\quad}$, 6 $\textcircled{\quad}$, _____ , _____ , _____

c) 0 $\textcircled{\quad}$, 5 $\textcircled{\quad}$, 10 $\textcircled{\quad}$, _____ , _____

d) 4 $\textcircled{\quad}$, 8 $\textcircled{\quad}$, 12 $\textcircled{\quad}$, _____ , _____ , _____

e) 5 $\textcircled{\quad}$, 8 $\textcircled{\quad}$, 11 $\textcircled{\quad}$, _____ , _____

f) 3 $\textcircled{\quad}$, 7 $\textcircled{\quad}$, 11 $\textcircled{\quad}$, _____ , _____ , _____

g) 14 $\textcircled{\quad}$, 16 $\textcircled{\quad}$, 18 $\textcircled{\quad}$, _____ , _____

h) 11 $\textcircled{\quad}$, 13 $\textcircled{\quad}$, 15 $\textcircled{\quad}$, _____ , _____ , _____

BONUS ▶

i) 10 $\textcircled{\quad}$, 15 $\textcircled{\quad}$, 20 $\textcircled{\quad}$, _____ , _____ , _____ , _____ , _____

j) 21 $\textcircled{\quad}$, 23 $\textcircled{\quad}$, 25 $\textcircled{\quad}$, _____ , _____ , _____ , _____ , _____

4. Jane runs 14 blocks on Monday.
Each day she runs 2 blocks farther than the day before.
How far does she run on Wednesday?

14
Monday

Tuesday

Wednesday

