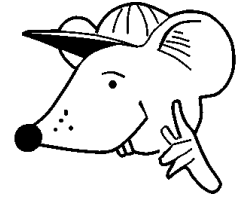


MATHEMATICS



N.S. Yr. 2 P.5

Counting in tens, odd and even numbers

Equipment

Cubes, buttons, counters etc.
Number line.
Crayons.

MathSphere

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Counting in tens

In Year One children will have worked on counting in whole tens up to 100. They will still need to work on this to become confident in both counting up and down in whole tens. Different starting points can be introduced eg. Count up in tens from 23 to 63. Count back 40 in tens from 78 etc.

Having counted from one number to another it is a good idea to ask how many tens they have counted. Some children can get confused with this, not counting the finishing ten.

Recognising odd and even numbers

In year 2 children will be expected to count in twos from 0 or from 1, up to 40 and then beyond this.

Counting down will also be encouraged and the question can be asked as to what happens when you get down to one or zero.

Much work can still be done with cubes, counters etc, dividing into two sets and seeing which numbers divide equally.

Counting in tens

Count on in steps of ten.

1.

10

20

2.

40

50

3.

30

40

4.

30

5.

50

6.

70

Counting in tens

Count on in steps of ten.

1.

20

30

2.

50

3.

40

4.

0

5.

20

6.

60

Counting back in tens

Now try counting
down in tens.

1. Count down in tens from 50 to 0.

50					0
----	--	--	--	--	---

2. Count down in tens from 70 to 20.

70					20
----	--	--	--	--	----

3. Count down in tens from 90 to 40.

90					40
----	--	--	--	--	----

4. Count down in tens from 60 to 10.

60					10
----	--	--	--	--	----

Counting back in tens

Count down in tens
from these numbers:

1. Count down in tens from 80 to 30.

80					30
----	--	--	--	--	----

2. Count down in tens from 100 to 50.

100					50
-----	--	--	--	--	----

3. Count down in tens from 110 to 60.

110					60
-----	--	--	--	--	----

4. Count down in tens from 120 to 70.

120					70
-----	--	--	--	--	----

Counting up in tens

Count up in
tens from 34
to 74



That's easy:
34, 44, 54,
64, 74



How many
tens did you
count?



Err, I know I
don't count the
34, so it must
be four tens.

1. Count on in tens from 24 to 64.
How many tens did you count?

2. Count on in tens from 16 to 46.
How many tens did you count?

3. Count on in tens from 12 to 52.
How many tens did you count?

4. Count on in tens from 38 to 58.
How many tens did you count?

Counting up in tens

Now try these:

1. Count on in tens from 62 to 92.
How many tens did you count?

2. Count on in tens from 51 to 81.
How many tens did you count?

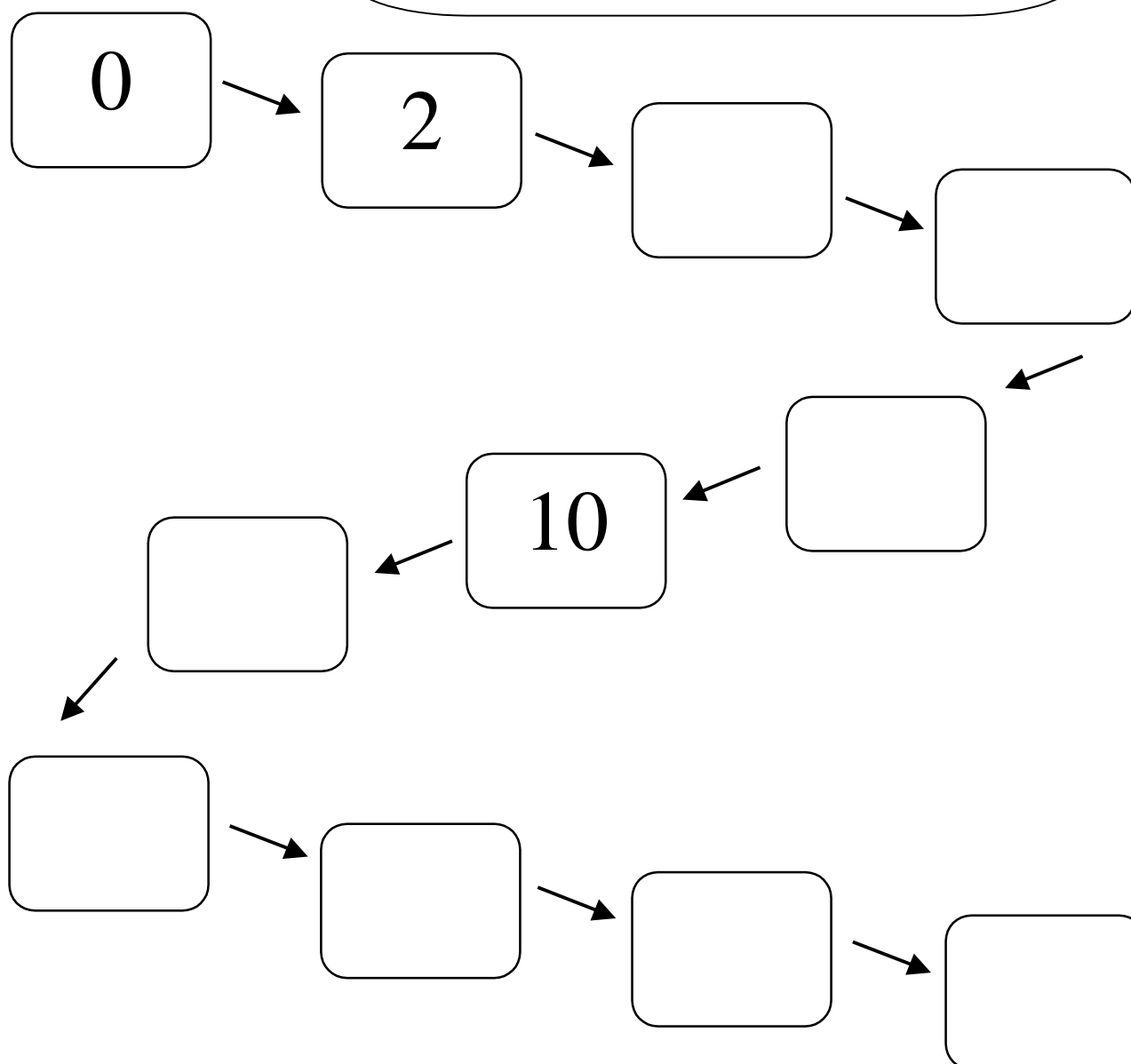
3. Count on in tens from 32 to 82.
How many tens did you count?

4. Count on in tens from 19 to 99.
How many tens did you count?

5. Count on in tens from 54 to 94.
How many tens did you count?

Counting in twos

Follow the arrows and count on in twos to the end.
What number do you end with?

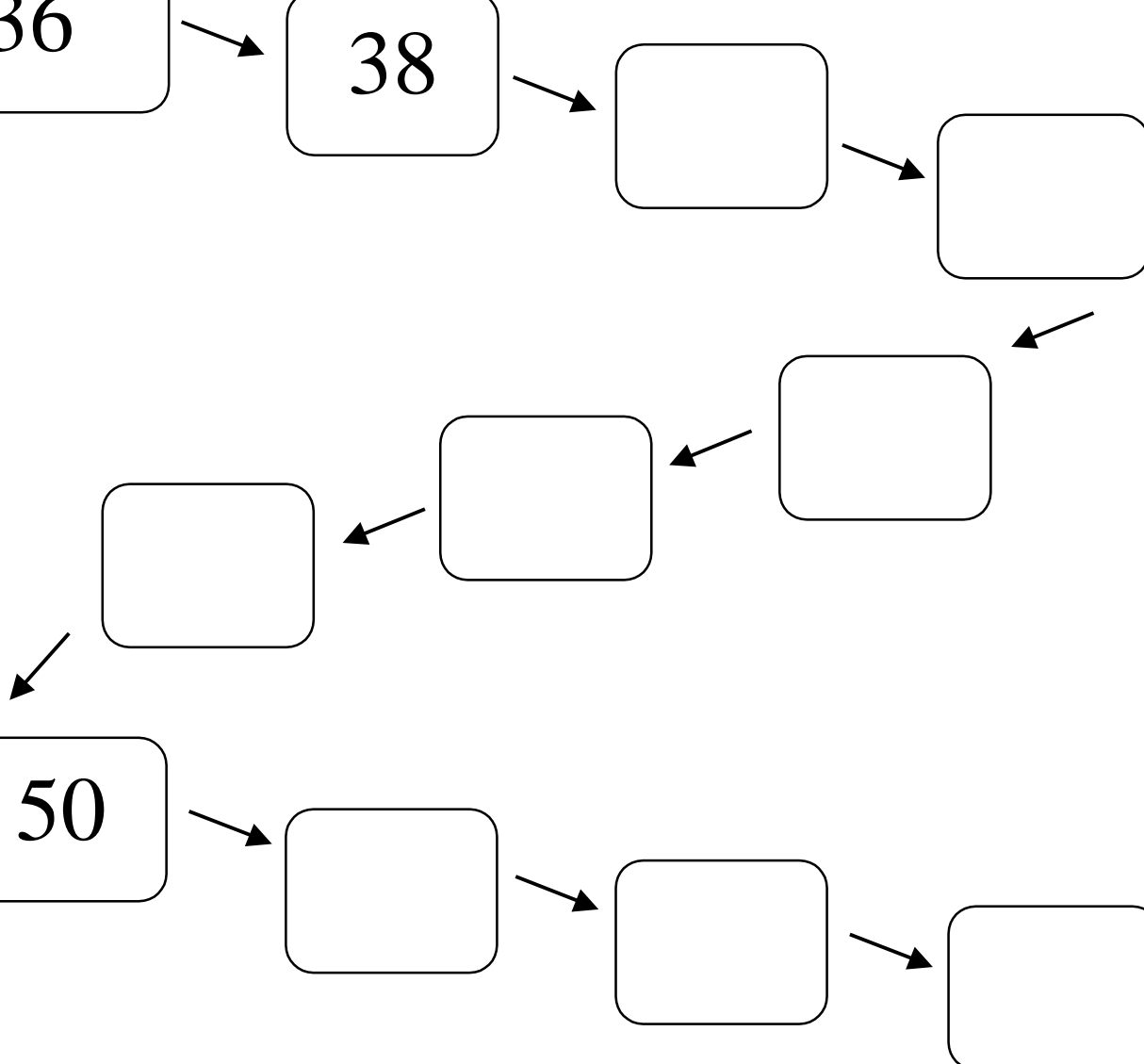


Counting in twos

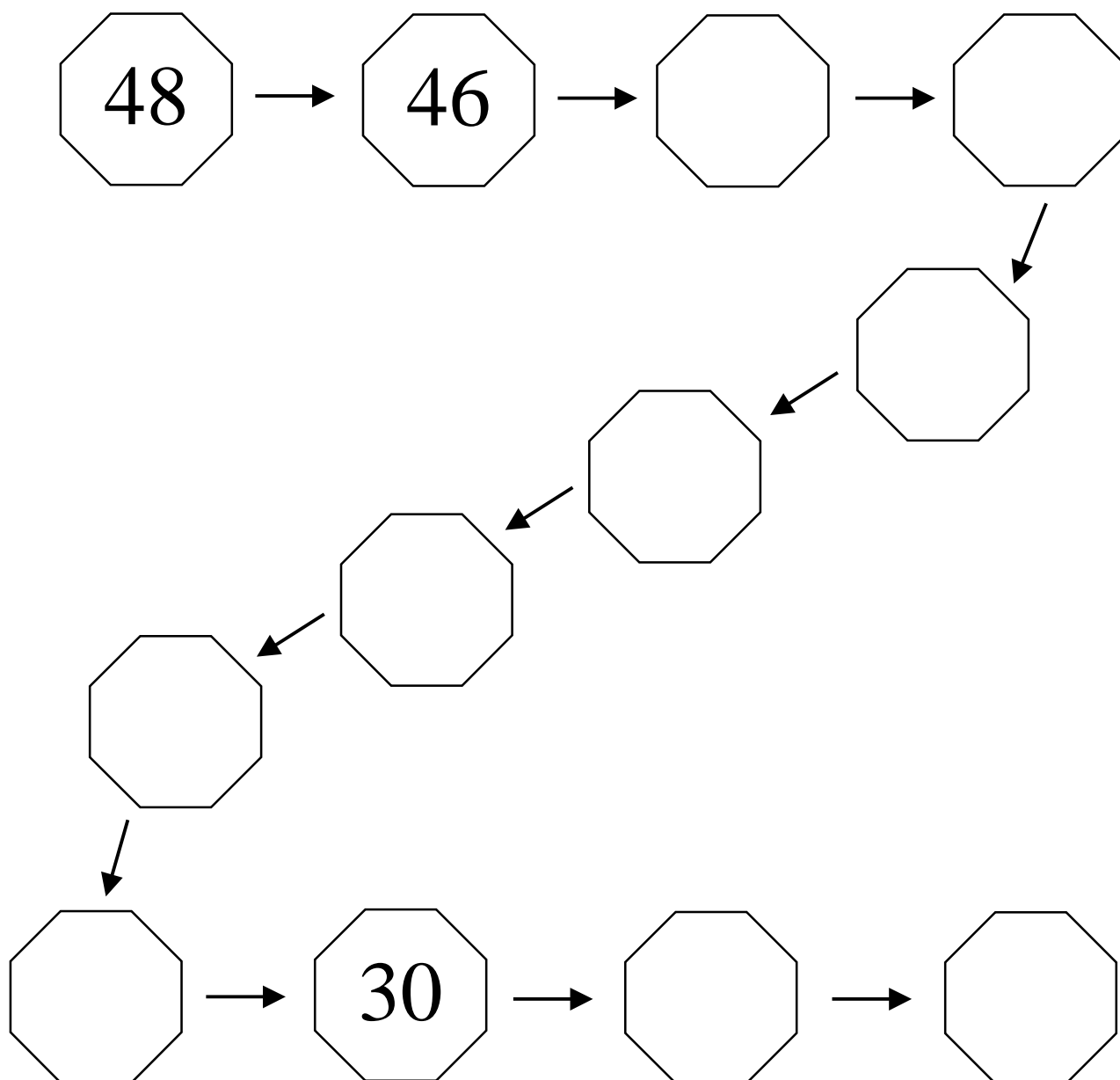
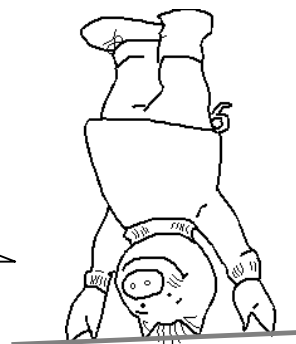
Now try counting on in twos from 36.
Follow the arrows.
What number do you end with?

36

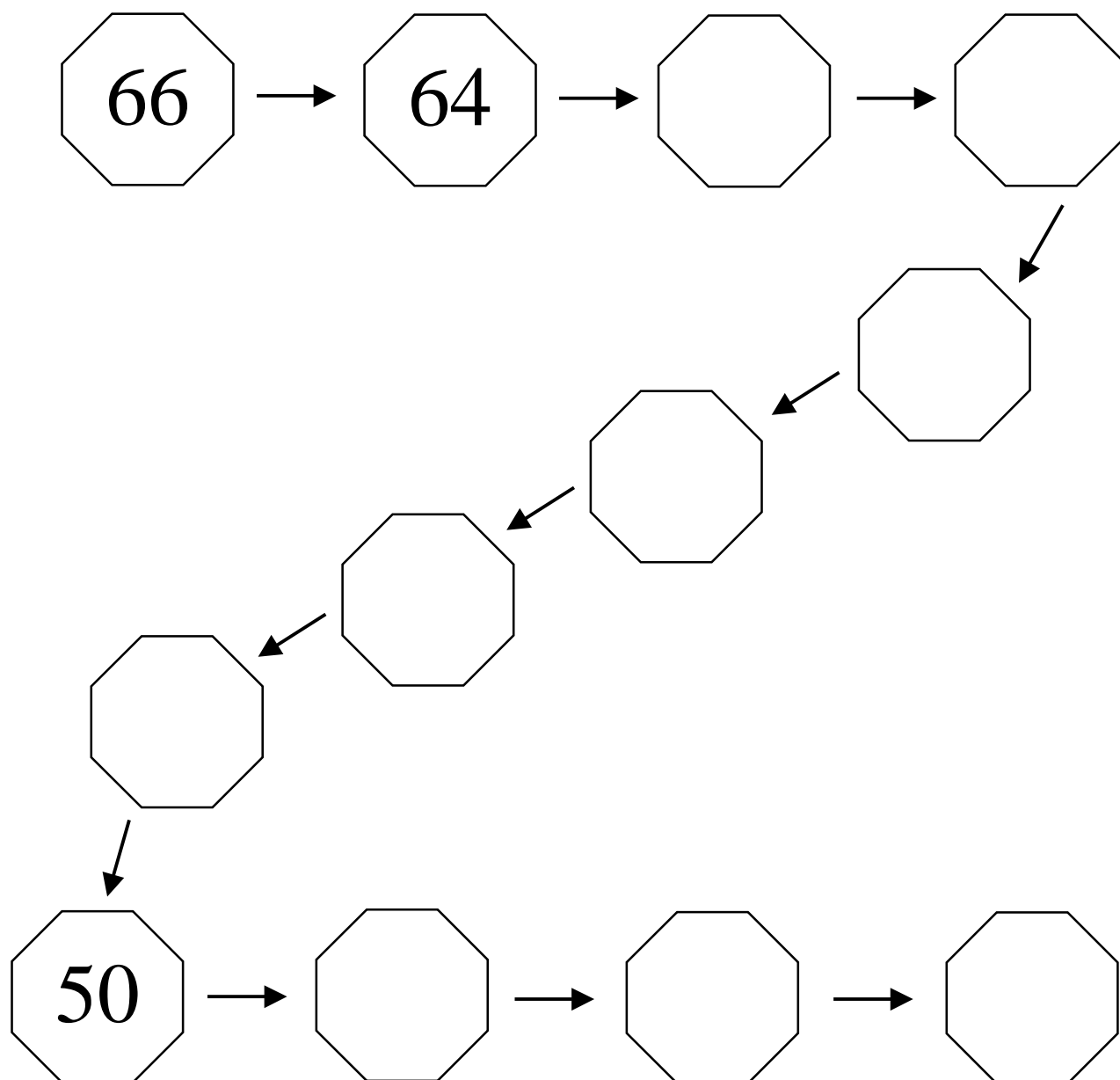
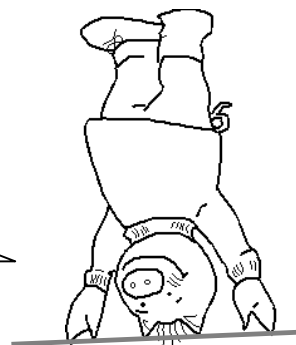
38



Counting down is as easy as
standing on your head!
Count down in twos from
the first number:



Counting down is as easy as
standing on your head!
Count down in twos from
the first number:



Remember, even numbers
have
0, 2, 4, 6 or 8 in the
units.



Colour the even numbered shapes:

16

18

57

20

43

78

19

72

65

44

11

Counting in twos

Now try counting back in twos
from an odd number: 45.
Follow the arrows.
What number do you end with?

45

43

31

Remember, numbers
ending in 1, 3, 5, 7 and 9
are odd.



Counting in twos

Odd numbers have 1, 3, 5, 7 or 9 in the units.

Count down in twos from 99

99

97

85

Answers**Page 3**

1. 10, 20, 30, 40, 50

2. 40, 50, 60, 70, 80

3. 20, 30, 40, 50, 60

4. 30, 40, 50, 60, 70

5. 40, 50, 60, 70, 80

6. 50, 60, 70, 80, 90

Page 4

1. 20, 30, 40, 50, 60

2. 50, 60, 70, 80, 90

3. 30, 40, 50, 60, 70

4. 0, 10, 20, 30, 40

5. 10, 20, 30, 40, 50

6. 30, 40, 50, 60, 70

Page 5

1. 50, 40, 30, 20, 10, 0

2. 70, 60, 50, 40, 30, 20

3. 90, 80, 70, 60, 50, 40

4. 60, 50, 40, 30, 20, 10

Page 6

1. 80, 70, 60, 50, 40, 30

2. 100, 90, 80, 70, 60, 50

3. 110, 100, 90, 80, 70, 60

4. 120, 110, 100, 90, 80, 70

Page 7

1. 4 tens

2. 3 tens

3. 4 tens

4. 2 tens

Page 8

1. 3 tens

2. 3 tens

3. 5 tens

4. 8 tens

5. 4 tens

Page 9.

1. 0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Page 10

1. 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56

Page 11

1. 48, 46, 44, 42, 40, 38, 36, 34, 32, 30, 28, 26

Page 12

1. 66, 64, 62, 60, 58, 56, 54, 52, 50, 48, 46, 44

Page 14

1. 45, 43, 41, 39, 37, 35, 33, 31, 29, 27, 25

Page 15

1. 99, 97, 95, 93, 91, 89, 87, 85, 83, 81, 79