Lesson 1A Number 1-100

1. The 100 square

1.1 Making a 100 square

The **100 square** can be used to find lots of number patterns. The children can investigate how even and odd numbers are situated in the **square**, how multiples of different numbers are arranged, and where **square** and triangular numbers are found. They are also a useful resource for many other types of **maths** activities

100 square

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

1. An interactive number of charts resource with 8 different sized number grids including a regular **hundred square**.
   https://www.topmarks.co.uk/learning-to-count/paint-the-squares

2. A simple game where you need to add 10 to other numbers on a hundred square.
   https://www.ictgames.com/mobilePage/hundredHunt/

Lesson 1A Number 1-100

2. Counting

21Counting in twos,

Name: _____

Count by 2s

a. | 2 | 4 | | | 10 | | | |

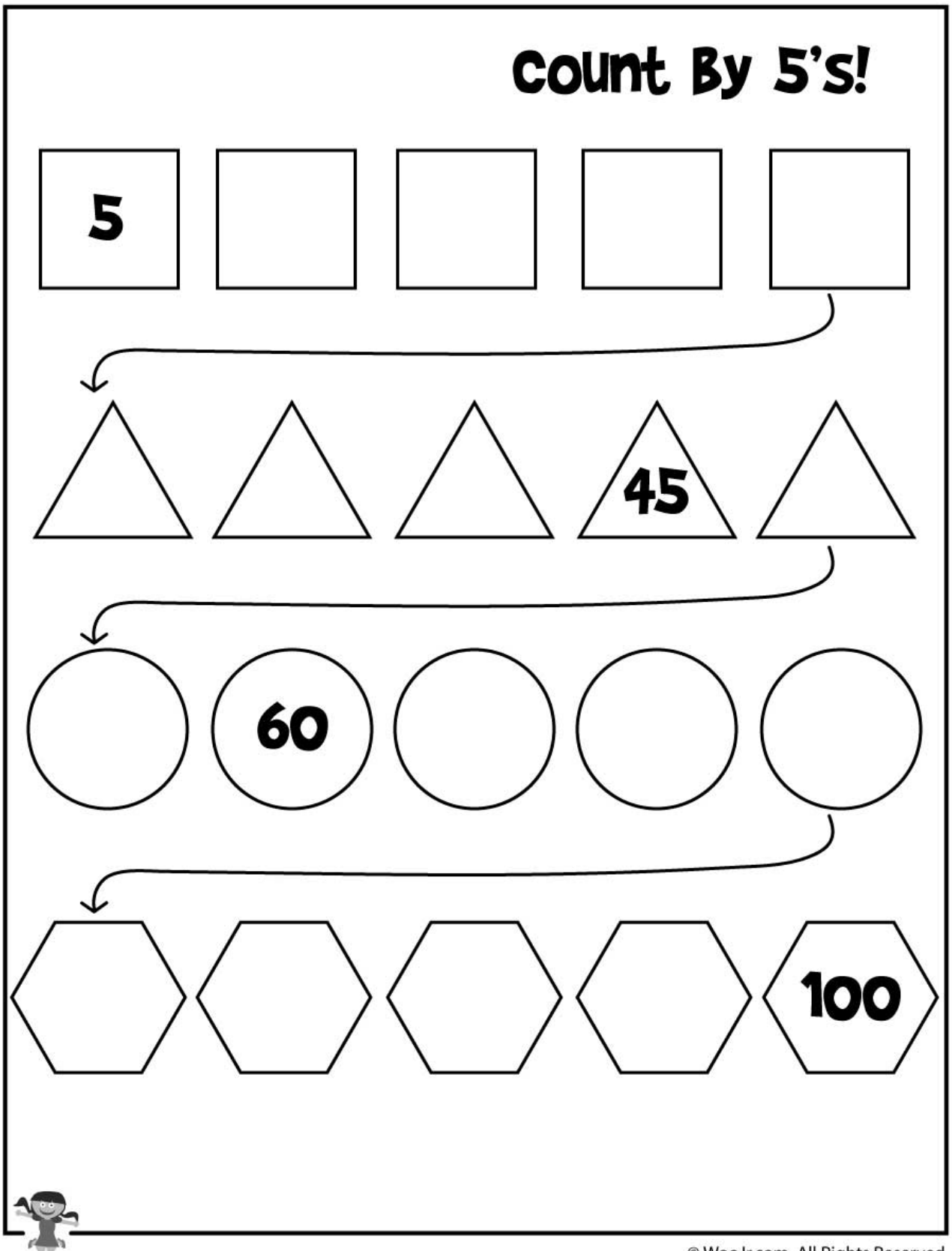
b. | 64 | | 68 | | 72 | | | | | | 84 | |

c. | 30 | | | | | | 42 | | | | | |

d. | | | | | 84 | | | | 92 | | | |

f. | | | | | | 26 | | | | | | |

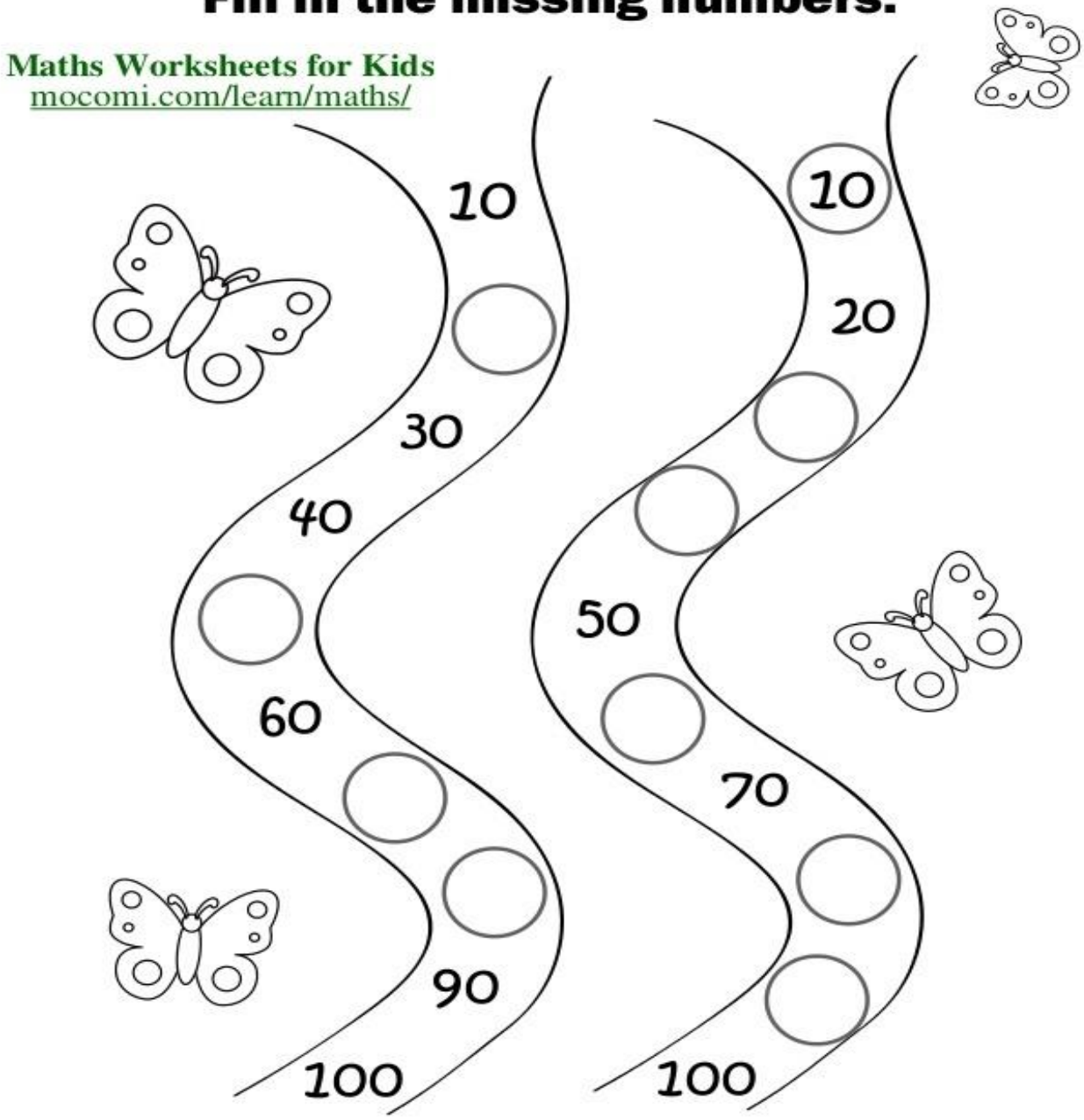
22Counting in fives ,



Let's Count by 10s

Age group 6 to 7

Fill in the missing numbers.



Lesson 1A Number 1-100

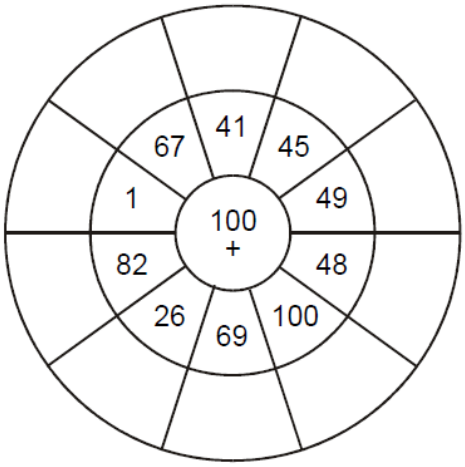
3. Number line to 100

3.1 Number pairs to 100

http://www.snappymaths.com/addition/make100/interactive/make100m5/make100m5.htm

◆ Place a number in the outer circle which adds with the number in the inner circle to make the target number.

1.



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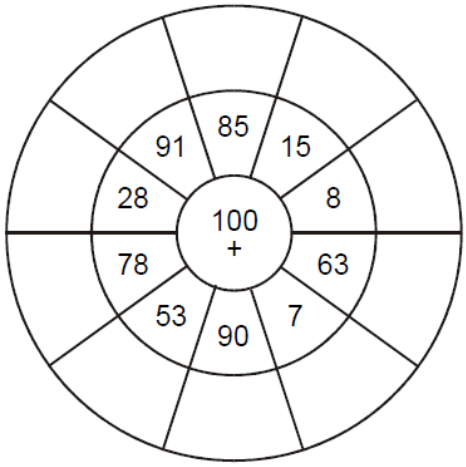

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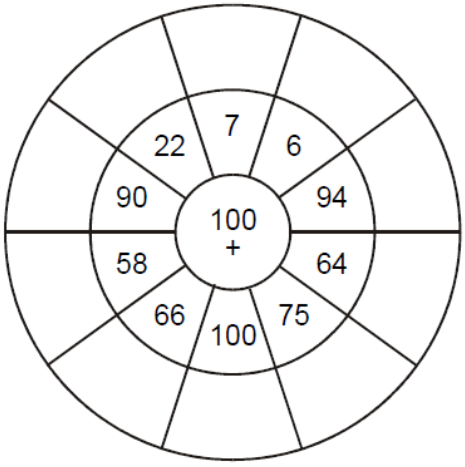

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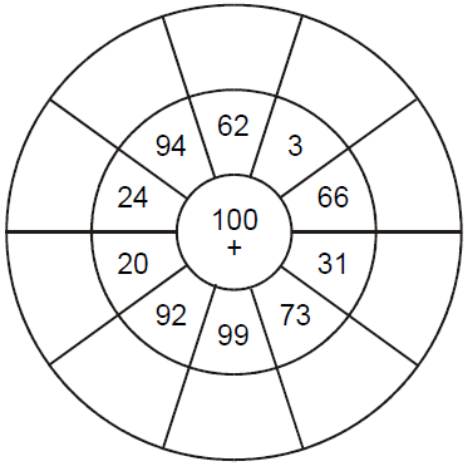


32 Adding and subtracting number pairs to 100

http://www.snappymaths.com/addition/make100/interactive/make100m5/make100m5.htm

Mad Maths Minutes		Mad Maths Minutes	
Make 100 Set A		Make 100 Set B	
67 + ____ = 100	____ + 73 = 100	43 + ____ = 100	____ + 65 = 100
____ + 52 = 100	29 + ____ = 100	____ + 9 = 100	45 + ____ = 100
96 + ____ = 100	____ + 63 = 100	71 + ____ = 100	____ + 8 = 100
____ + 24 = 100	22 + ____ = 100	____ + 4 = 100	81 + ____ = 100
33 + ____ = 100	____ + 1 = 100	76 + ____ = 100	____ + 72 = 100
____ + 69 = 100	98 + ____ = 100	____ + 23 = 100	46 + ____ = 100
78 + ____ = 100	____ + 44 = 100	85 + ____ = 100	____ + 39 = 100
____ + 16 = 100	19 + ____ = 100	____ + 53 = 100	21 + ____ = 100

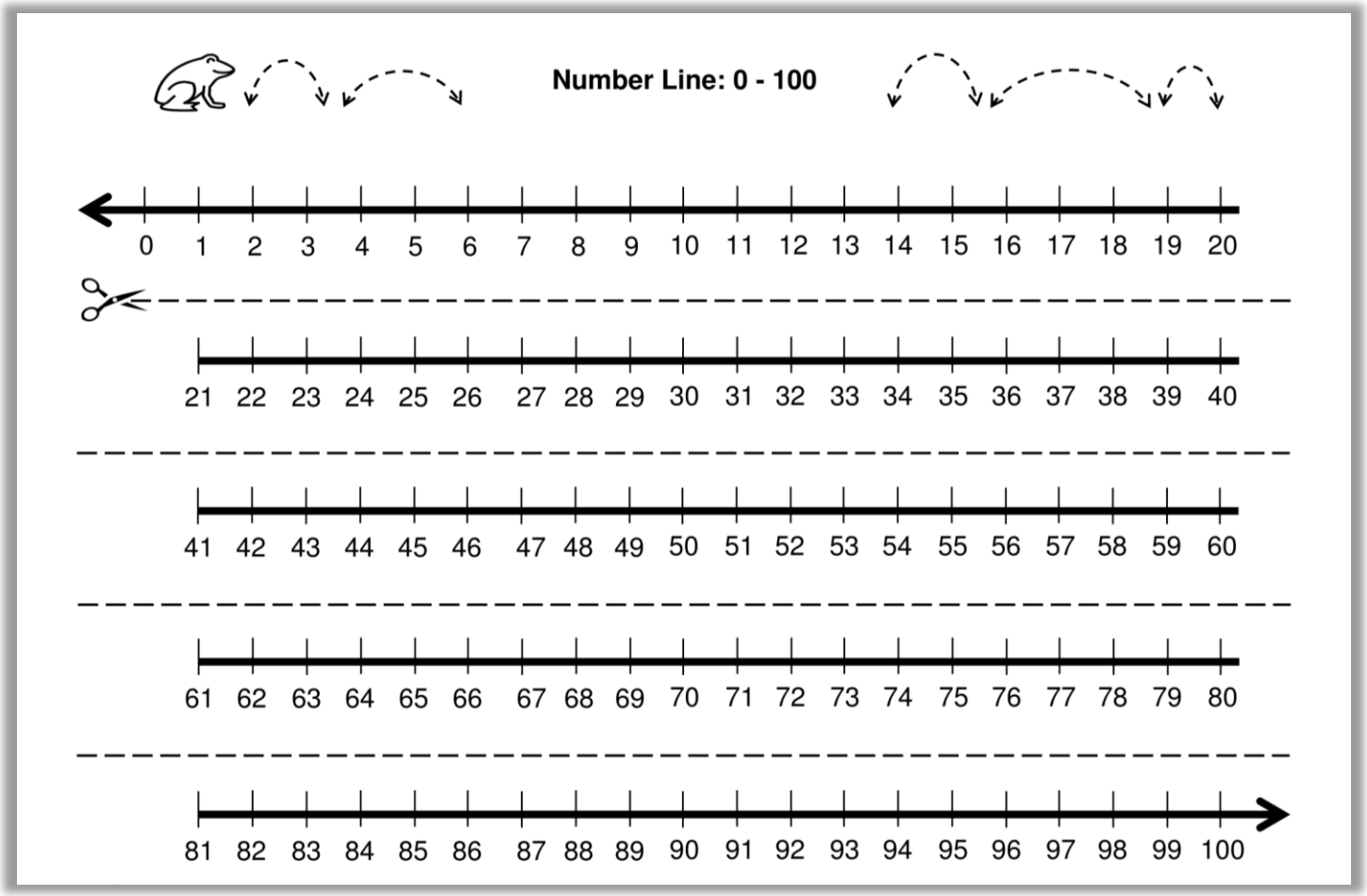
Lesson 1A Number 1-100

4. Using Number line

41 Using a number line

Let's start with the basics

A **number line** is a line with positive and negative numbers. It is a line that is separated with intervals and it can be used to solve math problems!



https://www.khanacademy.org/math/early-math/cc-early-math-add-sub-1000/cc-early-math-strategies-for-adding-two-and-three-digit-numbers/e/adding-and-subtracting-within-1000-using-a-number-line

4.2 Rounding using a number line

When you plot a number on a number line, you are usually marking it with a dot, indicating where that number falls on the number line. When rounding a whole number on a number line, you first determine to which place value you are rounding: for example, tens, hundreds, thousands, etc.

How to round a number to the nearest 100

Look at the ***tens*** digit.

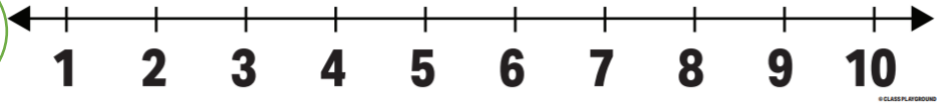
- ***if it is less than 5 then round the number down*** by changing the tens digit and ones digit to zero;
- ***if it is 5 or more then round the number up*** by adding one on to the hundreds digit and changing the tens and ones digit to zero.

Examples

- 87 rounds up to 100 because the tens digit is 8.
- 129 rounds down to 100 because the tens digit is 2.
- 150 rounds up to 200 because the tens digit is a 5.

Circle each number on number line and then determine what is would be rounded to the nearest ten

1. 8



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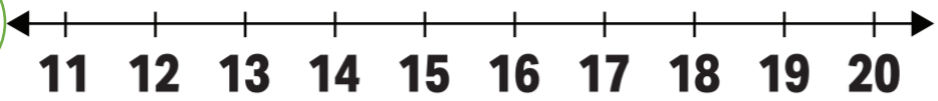
2. 12



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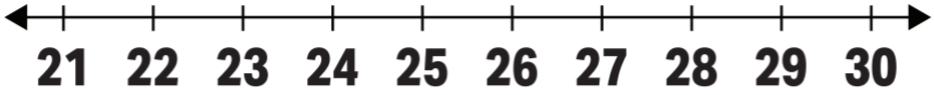
3. 29



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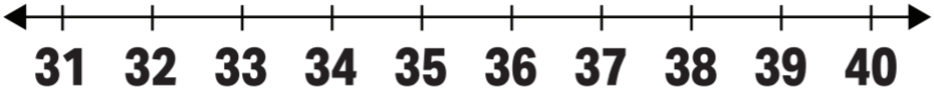
4. 33



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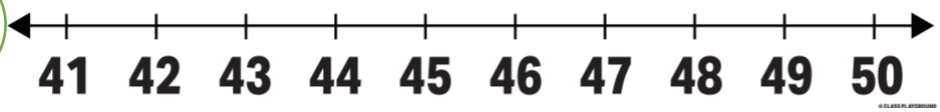
5. 46



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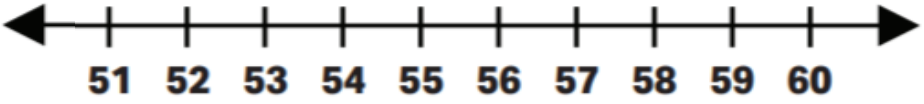
6. 54



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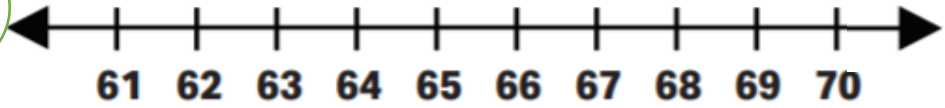
7. 65



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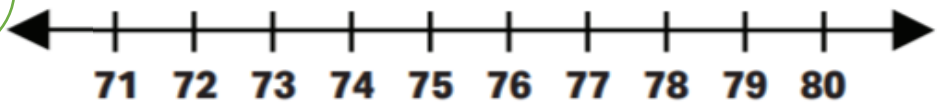
8. 72



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Name Date

ROUNDING TO THE NEAREST 100 SHEET 1

- Fill in the number marked by the arrow.
- Draw an arrow to show where the nearest 100 is.

Remember: if the number is in the middle, it rounds up to the next 100.

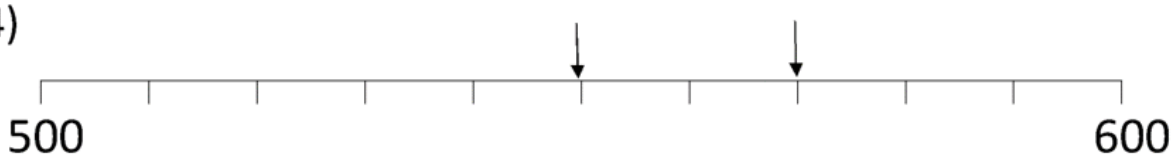
Example

1)

2)

3)

4)



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