

Date: answer key

Chapter 1 Section C: Sort Odd and Even numbers (1.C.1)

Objective: Use knowledge of even and odd numbers up to 10 to recognise and sort numbers.

| even | odd |
|-----------|-----------|
| 0,2,4,6,8 | 1,3,5,7,9 |

When we are sorting numbers as even or odd we always look at the digit in the **ones place**. If the digit in the ones place is **1,3,5,7 or 9** then the number is **odd** but if the digit in the ones place is **0,2,4,6 or 8** then the number is **even**.

Q1. Write "even" or "odd" next to each number.

(look at the digit in the ones place)

a) 356 even b) 9 odd c) 900 even

d) 303 odd e) 271 odd f) 206 even

- g) A whole number that **can** be divided exactly by 2 without a remainder is an even number. (equally without any left over)
- h) A whole number that **cannot** be divided by 2 and the remainder is always 1 is an odd number. (1 is left out)

Q2. Place the numbers correctly in the table below.

| 123 | 999 | 285 | 198 | 401 | 625 |
|-------------|-----|-----|--------------|-----|-----|
| 154 | 962 | 260 | 746 | 777 | |
| Odd Numbers | | | Even Numbers | | |
| 123 | 999 | 625 | 198 | 154 | 962 |
| 285 | 401 | 777 | 260 | 746 | |

Q3. Read the following sentences carefully and write "true" or "false".

- a) 34 is an even number because I can divide it into two equal groups and I don't have any number left. true
- b) Number 9 is an even number. false
- c) Odd numbers can be divided exactly by 2. false

Q4. Other than the numbers in this worksheet, write:

- a) one 3-digit even number 264
- b) one 3-digit odd number 651

Q5. Fill in the blank with **odd** or **even**.

- a) Any number that has 1,3,5,7 or 9 in the ones place
is an **odd** number.
- b) 190, 220, 350 and 910 are **even** numbers.
- c) If I add 2 to each of the numbers in b), I get **even**
numbers.

Q6. David studied the numbers below.

279 651 463 834

He said, "834 is different from the other numbers."

Is David correct? Explain your answer.

yes, 834 is the only even number.

Q7. There were about 100 to 400 beads in a container.

The number of beads is made up of 3 identical digits. **333**

When Jamie packed the beads into 2 equal packs, there was 1 bead left.
odd number

How **many** beads could be in the container?

333

Q8. List all the **even** numbers **between** 232 and 248.

234, 236, 238, 240, 242, 244, 246

Q9. List all the **odd** numbers **greater** than 115 and **smaller** than 137.

117, 119, 121, 123, 125, 127, 129, 131, 133, 135