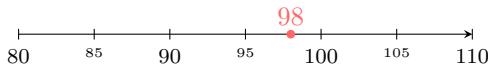


# ROUNDING

## A ROUNDING TO THE NEAREST TEN

### A.1 ROUNDING TO THE NEAREST TEN USING A NUMBER LINE

Ex 1: 98 rounded to the nearest ten is 100



Answer:

- 98 is between 90 and 100 but closer to 100.
- 98 rounded to the nearest ten is 100.

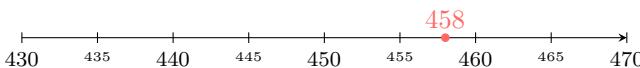
Ex 2: 327 rounded to the nearest ten is 330



Answer:

- 327 is between 320 and 330 but closer to 330.
- 327 rounded to the nearest ten is 330.

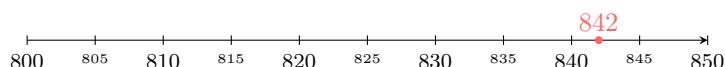
Ex 3: 458 rounded to the nearest ten is 460



Answer:

- 458 is between 450 and 460 but closer to 460.
- 458 rounded to the nearest ten is 460.

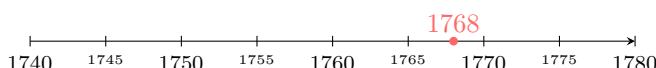
Ex 4: 842 rounded to the nearest ten is 840



Answer:

- 842 is between 840 and 850 but closer to 840.
- 842 rounded to the nearest ten is 840.

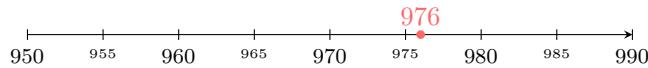
Ex 5: 1768 rounded to the nearest ten is 1770



Answer:

- 1768 is between 1760 and 1770 but closer to 1770.
- 1768 rounded to the nearest ten is 1770.

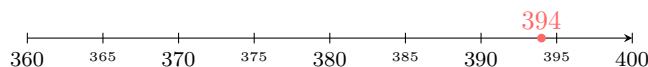
Ex 6: 976 rounded to the nearest ten is 980



Answer:

- 976 is between 970 and 980 but closer to 980.
- 976 rounded to the nearest ten is 980.

Ex 7: 394 rounded to the nearest ten is 390



Answer:

- 394 is between 390 and 400 but closer to 390.
- 394 rounded to the nearest ten is 390.

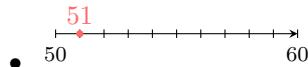
### A.2 ROUNDING TO THE NEAREST TEN

Ex 8: Round 51 to the nearest ten: 50.

Answer:

- |      |      |
|------|------|
| Tens | Ones |
| 5    | 1    |
- Since the ones digit 1 < 5, replace it with 0:  

Tens	Ones
5	0
- So, 51 rounded to the nearest ten is 50.



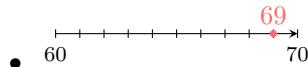
51 is between 50 and 60, but it's closer to 50.

Ex 9: Round 69 to the nearest ten: 70.

Answer:

- |      |      |
|------|------|
| Tens | Ones |
| 6    | 9    |
- Since the ones digit 9 > 5, replace it with 0 and add 1 to the tens digit:  

Tens	Ones
6 + 1 = 7	0
- So, 69 rounded to the nearest ten is 70.



69 is between 60 and 70, but it's closer to 70.

Ex 10: Round 327 to the nearest ten: 330.

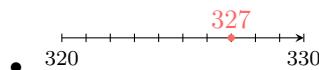
Answer:

- |          |      |      |
|----------|------|------|
| Hundreds | Tens | Ones |
| 3        | 2    | 7    |

- Since the ones digit  $7 > 4$ , replace it with 0 and add 1 to the tens digit:

Hundreds	Tens	Ones
3	$2 + 1 = 3$	0

- So, 327 rounded to the nearest ten is 330.



327 is between 320 and 330, but it's closer to 330.

**Ex 11:** Round 203 to the nearest ten: 200.

*Answer:*

Hundreds	Tens	Ones
2	0	3

- Since the ones digit  $3 < 5$ , replace it with 0:

Hundreds	Tens	Ones
2	0	0

- So, 203 rounded to the nearest ten is 200.



203 is between 200 and 210, but it's closer to 200.

**Ex 12:** Round 1543 to the nearest ten: 1540.

*Answer:*

Thousands	Hundreds	Tens	Ones
1	5	4	3

- Since the ones digit  $3 < 5$ , replace it with 0:

Thousands	Hundreds	Tens	Ones
1	5	4	0

- So, 1543 rounded to the nearest ten is 1540.



1543 is between 1540 and 1550, but it's closer to 1540.

**Ex 13:** Round 2847 to the nearest ten: 2850.

*Answer:*

Thousands	Hundreds	Tens	Ones
2	8	4	7

- Since the ones digit  $7 > 4$ , replace it with 0 and add 1 to the tens digit:

Thousands	Hundreds	Tens	Ones
2	8	$4 + 1 = 5$	0

- So, 2847 rounded to the nearest ten is 2850.

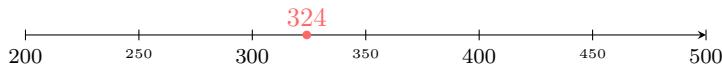


2847 is between 2840 and 2850, but it's closer to 2850.

## B ROUNDING TO THE NEAREST HUNDRED

### B.1 ROUNDING TO THE NEAREST HUNDRED USING A NUMBER LINE

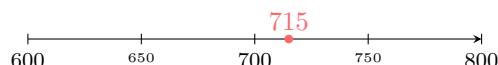
**Ex 14:** 324 rounded to the nearest hundred is 300



*Answer:*

- 324 is between 300 and 400 but closer to 300.
- 327 rounded to the nearest hundred is 300

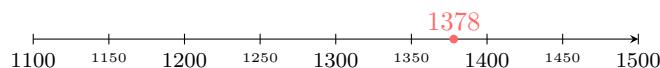
**Ex 15:** 715 rounded to the nearest hundred is 700



*Answer:*

- 715 is between 700 and 800 but closer to 700.
- 715 rounded to the nearest hundred is 700

**Ex 16:** 1378 rounded to the nearest hundred is 1400



*Answer:*

- 1378 is between 1300 and 1400 but closer to 1400.
- 1378 rounded to the nearest hundred is 1400

**Ex 17:** 1640 rounded to the nearest hundred is 1600



*Answer:*

- 1640 is between 1600 and 1700 but closer to 1600.
- 1640 rounded to the nearest hundred is 1600

### B.2 ROUNDING TO THE NEAREST HUNDRED

**Ex 18:** Round 327 to the nearest hundred: 300

*Answer:*

Hundreds	Tens	Ones
3	2	7

- Since the tens digit  $2 < 5$ , replace the tens and ones digits with 0:

Hundreds	Tens	Ones
3	0	0

- So, 327 rounded to the nearest hundred is 300.



327 is between 300 and 400, but it's closer to 300.

**Ex 19:** Round 470 to the nearest hundred: 500.

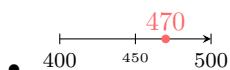
Answer:

- | Hundreds | Tens | Ones |
|----------|------|------|
| 4        | 7    | 0    |

- Since the tens digit  $7 > 4$ , replace the tens and ones digits with 0 and add 1 to the hundreds digit:

Hundreds	Tens	Ones
$4 + 1 = 5$	0	0

- So, 470 rounded to the nearest hundred is 500.



470 is between 400 and 500, but it's closer to 500.

**Ex 20:** Round 1022 to the nearest hundred: 1000.

Answer:

- | Thousands | Hundreds | Tens | Ones |
|-----------|----------|------|------|
| 1         | 0        | 2    | 2    |

- Since the tens digit  $2 < 5$ , replace the tens and ones digits with 0:

Thousands	Hundreds	Tens	Ones
1	0	0	0

- So, 1022 rounded to the nearest hundred is 1000.



1022 is between 1000 and 1100, but it's closer to 1000.

**Ex 21:** Round 1080 to the nearest hundred: 1100.

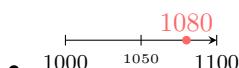
Answer:

- | Thousands | Hundreds | Tens | Ones |
|-----------|----------|------|------|
| 1         | 0        | 8    | 0    |

- Since the tens digit  $8 > 5$ , replace the tens and ones digits with 0 and add 1 to the hundreds digit:

Thousands	Hundreds	Tens	Ones
1	$0 + 1 = 1$	0	0

- So, 1080 rounded to the nearest hundred is 1100.



1080 is between 1000 and 1100, but it's closer to 1100.