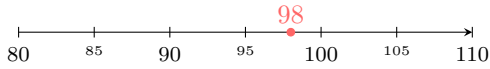# ROUNDING

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.
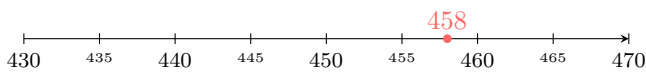- 98 rounded to the nearest ten is 100

Ex 2: 327 rounded to the nearest ten is ⌷330⌷

Answer:

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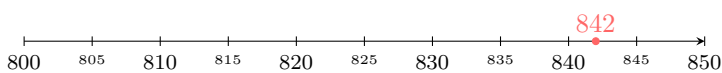- 327 rounded to the nearest ten is 330

Ex 3: 458 rounded to the nearest ten is ⌷460⌷

Answer:

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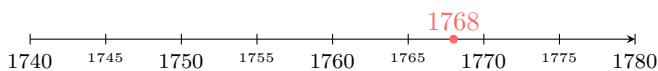- 458 rounded to the nearest ten is 460

Ex 4: 842 rounded to the nearest ten is ⌷840⌷

Answer:

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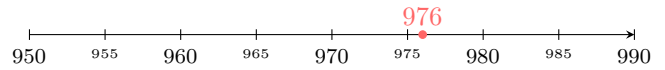- 842 rounded to the nearest ten is 840

Ex 5: 1768 rounded to the nearest ten is ⌷1770⌷

Answer:

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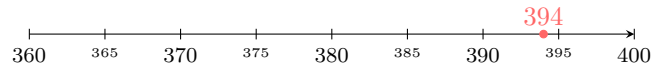- 1768 rounded to the nearest ten is 1770

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⌷.

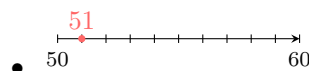*Answer:*

-

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⌷.
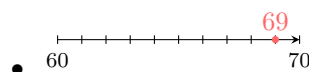
Answer:

-

Tens	Ones
6	9

- Since the ones digit $9 > 4$, 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.

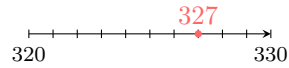**Ex 10:** Round 327 to the nearest ten: ⌷330⌷.

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.

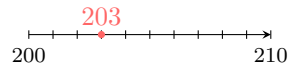**Ex 11:** Round 203 to the nearest ten: $\boxed{200}$.

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.
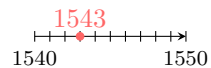
Ex 12: Round 1543 to the nearest ten: $\boxed{1540}$.

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: $\boxed{2850}$.

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.

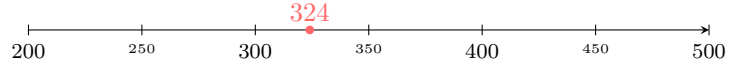2847 is between 2840 and 2850, but it's closer to 2850.

B ROUNDING TO THE NEAREST HUNDRED

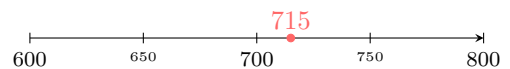## B.1 ROUNDING TO THE NEAREST HUNDRED USING A NUMBER LINE

Ex 14: 324 rounded to the nearest hundred is $\boxed{300}$

Answer:

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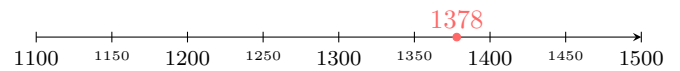
- 327 rounded to the nearest ten is 300

Ex 15: 715 rounded to the nearest hundred is $\boxed{700}$

Answer:

- 715 is between 700 and 800 but closer to 700.

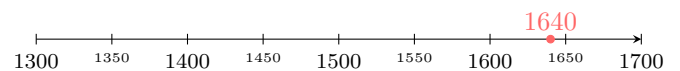- 715 rounded to the nearest hundred is 700

Ex 16: 1378 rounded to the nearest hundred is $\boxed{1400}$

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 $\boxed{1600}$

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: $\boxed{300}$.

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: $\boxed{500}$.
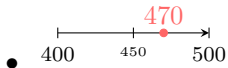
Answer:

-
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: $\boxed{1000}$.
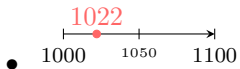
Answer:

-
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: $\boxed{1100}$.
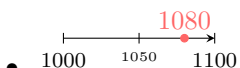
Answer:

-
Thousands	Hundreds	Tens	Ones
1	0	8	0

- Since the tens digit $8 > 4$, 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.