

You will need:

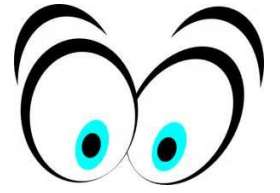
- A pencil
- A ruler
- Your workbook or paper
- Coloured pen or pencil

11/01/2020

Rounding to the nearest 10, 100 and 1000

Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 10



What is **5643** rounded to the nearest 10?

When rounding to the nearest 10, we need to look at the digit in the **ones** column.

564**3**

← 3 ones

3 is **less than 5** so we round **down**.

5643 rounded to the nearest 10 is **5640**.

Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 10

Top Tip:

Multiples of 10 end in at **least one zero**. This is a good way of checking quickly that you have rounded to the correct multiple.

Can round any whole number to the nearest 10,  
100 and 1000

## Your turn

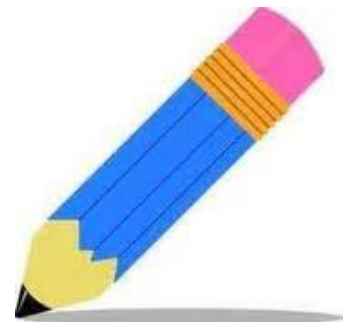
Round these whole numbers to the nearest 10.

57

271

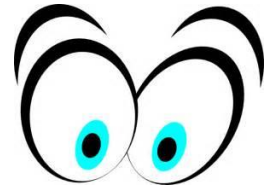
2306

5555



Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 100



What is **5643** rounded to the nearest 100?

When rounding to the nearest 100, we need to look at the digit in the **tens** column.

56**4**3

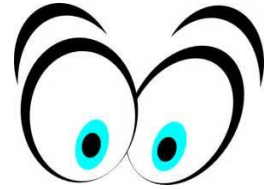
4 tens or 40

40 is **less than 50** so we round **down**.

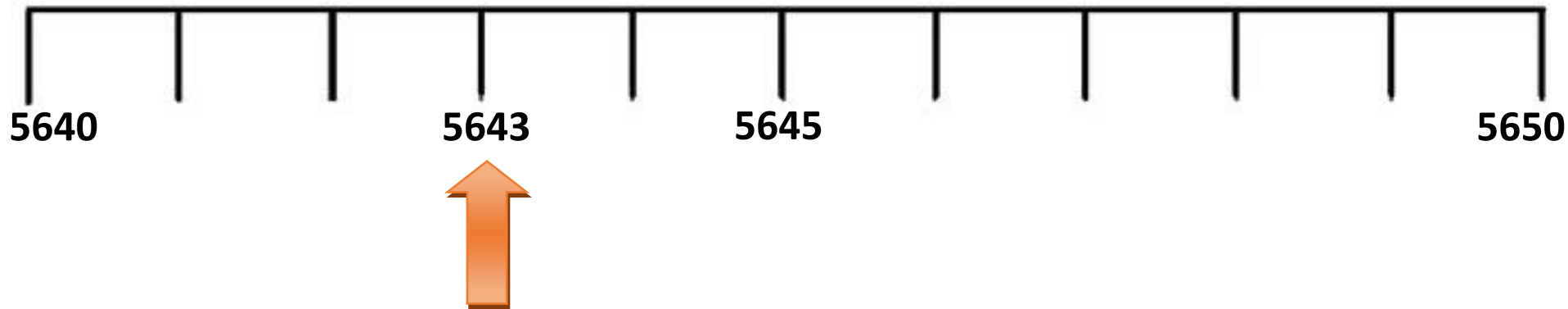
5643 rounded to the nearest 100 is **5600**.

Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 100



As we have seen, **5643** rounded to the nearest 100 is 5600. If you are not sure why, the **number line** below may help.



5643 is closer to 5640 than 5650 so therefore it is 5600 when rounded to the nearest 100.

Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 100

Top Tip:

Multiples of 100 end in at **least two zeros**. This is a good way of checking quickly that you have rounded to the correct multiple.



Can round any whole number to the nearest 10,  
100 and 1000

## Your turn

Round these whole numbers to the nearest 100.

782

4318

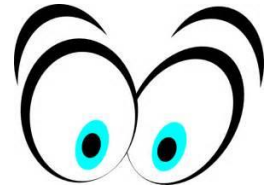
1240

2609



Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 1000



What is **5643** rounded to the nearest 1000?

When rounding to the nearest 1000, we need to look at the digit in the **hundreds** column.

**5643**

6 hundreds or 600

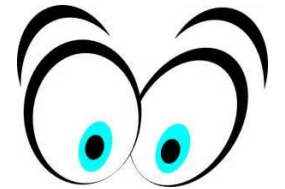
600 is **more than 500** so we round **up**.

5643 rounded to the nearest 1000 is **6000**.

## Can round any whole number to the nearest 10, 100 and 1000

What happens when a number is half way between?

What is **7500** rounded to the nearest 1000?



When a number lies **exactly half way between**, we round **up**.

**7500**

5 hundreds or 500

In this example 7500 is **exactly half way** between 7000 and 8000 so we round **up**.

7500 rounded to the nearest 1000 is **8000**.

Can round any whole number to the nearest 10,  
100 and 1000

## Rounding to the nearest 1000

Top Tip:

Multiples of 1000 end in at **least three zeros**. This is a good way of checking quickly that you have rounded to the correct multiple.

Can round any whole number to the nearest 10,  
100 and 1000

## Your turn

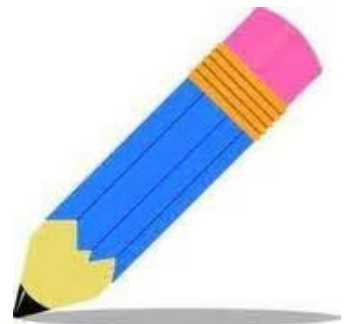
Round these whole numbers to the nearest 1000.

7415

2940

4500

23,625



B2 – Match the number, statement and answer to have a correct number sentence:

3764	rounded to the nearest 100	is 1990
5250	rounded to the nearest 10	is 3800
3004	rounded to the nearest 100	is 3000
1985	rounded to the nearest 1000	is 5300
2340	rounded to the nearest 10	is 2000
5350	rounded to the nearest 1000	is 5000

**B1 – Complete the table**

NUMBER	NEAREST 10	NEAREST 100	NEAREST 1000
327	330		
192	190	200	
853			1000
769			
407			
250			
1436			
1825			
2413			
3179			
5734			
6952			
4577			
9552			



# B2 – ANSWERS

## Set 1

<b>1985</b>	<b>rounded to the nearest 10</b>	<b>is 1990</b>
<b>3004</b>	<b>rounded to the nearest 10</b>	<b>is 3000</b>
<b>3764</b>	<b>rounded to the nearest 100</b>	<b>is 3800</b>
<b>5250</b>	<b>rounded to the nearest 100</b>	<b>is 5300</b>
<b>5350</b>	<b>rounded to the nearest 1000</b>	<b>is 5000</b>
<b>2340</b>	<b>rounded to the nearest 1000</b>	<b>is 2000</b>



## B1 – Answers

NUMBER	NEAREST 10	NEAREST 100	NEAREST 1000
327	330	300	0
192	190	200	0
853	850	900	1000
769	770	800	1000
407	410	400	0
250	250	300	0
1436	1440	1400	1000
1825	1830	1800	2000
2413	2410	2400	2000
3179	3180	3200	3000
5734	5730	5700	6000
6952	6950	7000	7000
4577	4580	4600	5000
9552	9550	9600	10000