

GRAYS TUITION CENTRE – Online Tutoring

WEEK: 3

Week Beginning: (04/01/2021)

Subject: MATHS

Year: 2

Lesson Objective:

- Be able to use basic functions to complete mental maths quiz
- Understand what rounding to nearest 10, 100 and 1000 means
- Be able to accurately round to the nearest 10, 100 and 1000

Class Worksheets

- A mental maths quiz assessing basic functions including time, money, ordering, adding & subtracting
- The whole topic will be explained in lesson – using example questions
- Worksheet on rounding to nearest 10, 100 and 1000

Homework


- Homework to test students understanding of rounding to the nearest 10 and 100
- Rounding to 1000 (optional) – All worksheet attached below

Additional Notes

- Week 2 Homework will be marked in lesson
- All lesson worksheets and **homework for next week (due Week 4)** worksheets can be found below

MENTAL MATHS SHEET 3:A3



1)	The difference between 11 and 3.	
2)	5×7	
3)	How many tens make 50?	
4)	Write the number two hundred and fifty-nine.	
5)	Which number is the smallest? 25 72 57 22 77 75	
6)	$7 + \underline{\quad} = 27$	
7)	What number is two less than 90?	
8)	How many edges? 	
9)	$50\text{cm} + 60\text{cm} = \underline{\quad}\text{m } \underline{\quad}\text{cm}$	
10)	Halve 24	
11)	The time is 10:30. What was the time an hour ago?	
12)	12 people are on a bus. 6 more people get on and one person gets off. How many on the bus now?	
13)	How many days in 2 weeks?	
14)	The month is January. Which month was it 2 months ago? September June April November December	
15)	I spend 6 TENS and one FIVE buying some candy. How much money did I spend?	
16)	The temperature is 18°C . It gets 7 degrees warmer. What is the temperature now?	

Example: Round the following number to the nearest hundred.

1,368
1,368
1,400

answer →

Underline number being rounded;
Circle digit directly to the right.
The circled number will tell you to round-up or if the underlined number remains the same.

Remember that all of the digits (including the circled digit) to the right of the underlined digit become ZEROS in the final answer!

Example: Round the following number to the nearest ten.

64
64
60

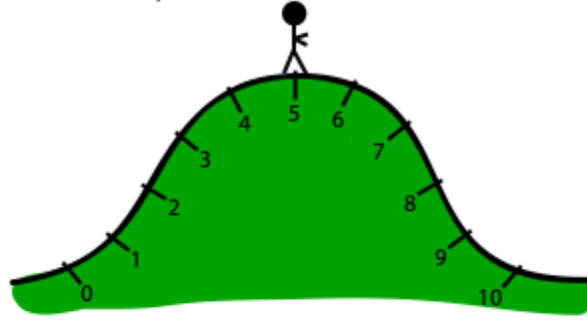
Answer →

Underline number being rounded;
Circle digit directly to the right.
The circled number will tell you to round-up or if the underlined number remains the same.

So you ask yourself, is 4 less or more than 5. If it is less than 5, you round down. If more than 5, you round up.

Rounding Numbers

In mathematics and in life, we estimate numbers to get a general idea of how much we have, how much we need, etc. Follow the rules below to learn how to estimate.



When rounding, you first want to determine the place value that you are rounding to. Once this value is determined, look at the number immediately to the right.

If the number to the right is 5 or more, you increase the place value number by 1 and make any remaining numbers to the right zeros. **EXAMPLE: 17 becomes 20.**

If the number to the right is 4 or less, you keep the place value number the same and make any remaining number to the right zeros. **EXAMPLE: 13 becomes 10.**

For each problem below, round to the nearest 10.

- | | | |
|----------------------|----------------------|----------------------|
| 1) 37 = almost _____ | 4) 42 = almost _____ | 7) 26 = almost _____ |
| 2) 28 = almost _____ | 5) 62 = almost _____ | 8) 92 = almost _____ |
| 3) 59 = almost _____ | 6) 89 = almost _____ | 9) 21 = almost _____ |

For each problem below, round to the nearest 100.

- | | | |
|-----------------------|-----------------------|-----------------------|
| 1) 861 = almost _____ | 4) 415 = almost _____ | 7) 371 = almost _____ |
| 2) 426 = almost _____ | 5) 621 = almost _____ | 8) 549 = almost _____ |
| 3) 981 = almost _____ | 6) 313 = almost _____ | 9) 699 = almost _____ |

For each problem below, round to the nearest 1,000.

- | | | |
|-------------------------|-------------------------|-------------------------|
| 1) 3,979 = almost _____ | 4) 8,258 = almost _____ | 7) 1,555 = almost _____ |
| 2) 1,873 = almost _____ | 5) 6,776 = almost _____ | 8) 6,758 = almost _____ |
| 3) 4,715 = almost _____ | 6) 9,492 = almost _____ | 9) 3,285 = almost _____ |

Homework Questions:

Rounding to the Nearest ten.

1) Write each of these numbers to the nearest ten.

Record like this:

62 → 60

a) 62	b) 28	c) 56	d) 91	e) 83
f) 13	g) 26	h) 42	i) 91	j) 46

2) Write each of these numbers to the nearest ten.

Record like this:

456 → 460

a) 382	b) 516	c) 872	d) 925	e) 102
f) 704	g) 667	h) 334	i) 993	j) 672

Round to the nearest hundred.

1. 660 = _____ 2. 107 = _____ 3. 413 = _____

4. 363 = _____ 5. 228 = _____ 6. 687 = _____

7. 164 = _____ 8. 732 = _____ 9. 407 = _____

10. 268 = _____ 11. 810 = _____ 12. 756 = _____

13. 521 = _____ 14. 497 = _____ 15. 312 = _____

16. 473 = _____ 17. 255 = _____ 18. 829 = _____

19. 635 = _____ 20. 695 = _____ 21. 443 = _____

Rounding to the Nearest Hundred

Round each number to the nearest hundred.

264 - _____

85 - _____

545 - _____

239 - _____

350 - _____

834 - _____

Optional:

Rounding to the Nearest Thousand

Round each number to the nearest thousand.

2,643 - _____ **9,099** - _____

5,276 - _____ **7,500** - _____

861 - _____ **4,467** - _____