UR Brainy

Rounding numbers to nearest ten

160   161   162   163   164   165   166   167   168   169   170

160   ←   →   170
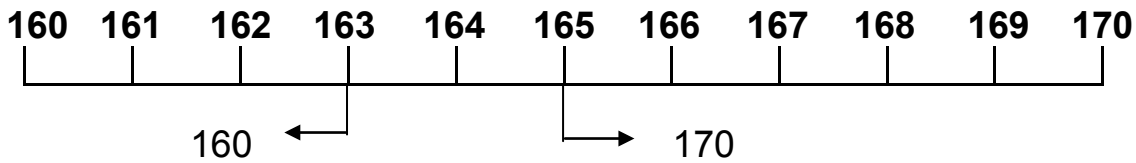
163 is 160 rounded to the nearest whole ten
165 is 170 rounded to the nearest ten

Write these numbers to the nearest whole ten:

1. 247   ……...

2. 534   ……...

3. 864   ……...

4. 745   ……...

5. 269   ……...

6. 295   ……...

> Look at the units when deciding whether to round up or down to the nearest 10.

7. 302   ……...   **8.**   936   …….

9. 1 245 ….……   **10.**   2 166 ……….

11. 2 505 ……….   **12.**   1 908 ….………

13. What is the nearest ten to 563 ? …….

14. What is the nearest ten to 2 325 ? ………….

15. What is the nearest ten to 3 889 ? ……..……

16. Round 756 to the nearest ten. …….

17. Round 2 457 to the nearest ten. ……..……

18. What whole ten is nearst to 2 118 ? ……..……

Name:

UR Brainy
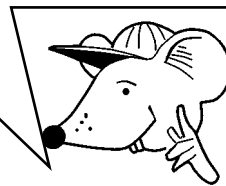
Rounding numbers to nearest hundred

| 2000 | 2010 | 2020 | 2030 | 2040 | 2050 | 2060 | 2070 | 2080 | 2090 | 2100 |

2 000 ←———————→ **2 100**
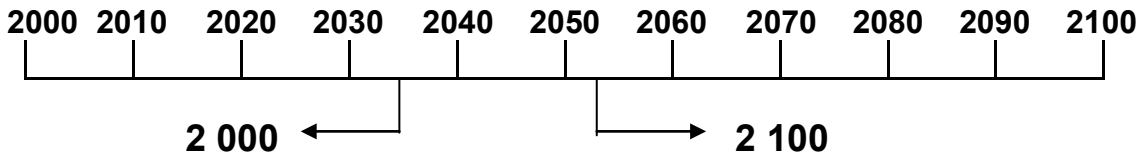
2034 is 2 000 rounded to the nearest hundred.

2053 is 2 100 rounded to the nearest hundred.

Write these numbers to the nearest whole hundred:

1. 2 846 …………

2. 3 128 …………

3. 9 202 …………

4. 4 038 …………

Look at the **tens** when deciding whether to round up or down to the nearest hundred.

5. 1 319 …………

6. 2 560 …………

7. 4 575 …………   **8.** 9 659 …………

9. 1 059 …………   **10.** 2 066 …………

11. 4 652 …………   **12.** 1 918 …………

13. What is the nearest hundred to 4 839 ? …………

14. What is the nearest hundred to 2 750 ? …………
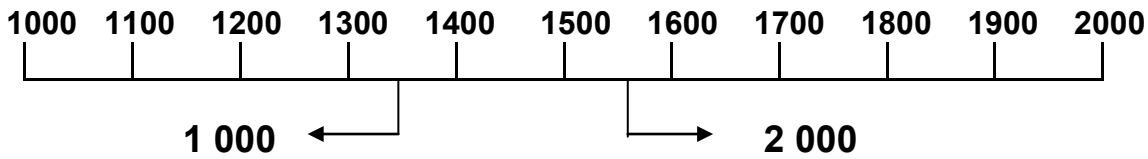
15. What is the nearest hundred to 3 148 ? …………

16. Round 5 716 to the nearest hundred. …………

17. Round 1 455 to the nearest hundred. …………

18. What whole hundred is nearest to 3 050 ? …………

Name:

Rounding numbers to nearest thousand

| 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 |

1 000 ←   → **2 000**

1 345 to the nearest 1 000 is 1 000

1 565 to the nearest 1 000 is 2 000

The hundreds digit is the key number to look at when rounding to a thousand.

Round these numbers to the nearest thousand:

1. 3 890 ……………   2. 4 211 ……………   3. 7 777 ……………

     4. 1 099 ……………   5. 8 501 ……………

6. Below is a chart showing some of the highest mountains in the world. Complete the table rounding off these heights to the nearest 1 000 metres:

MOUNTAIN	HEIGHT	Rounded
Mt Everest	8 848 metres	
K2	8 611 metres	
Aconcagua	6 960 metres	
Kilimanjaro	5 896 metres	
Matterhorn	4 478 metres	

Name:

More rounding

1. Below is a table of the average depths of some of the oceans and seas in the world.
   Round off these depths to the nearest 100 metres:

Pacific Ocean	4 028 m	
Indian Ocean	3 963 m	
Atlantic Ocean	3 926 m	
Caribbean Sea	2 677 m	
Mediterranean Sea	1 429 m	

2. Write down a number between 6 000 and 7 000 which
   is nearer to 6 000 than 7 000.   ………………

3. The Australians scored 356 runs in the first innings and 248 runs in the
   second innings.
   Approximately, how many runs did the team score?   ………………..

4. The distance from London Gatwick to Tel Aviv is 4 455 miles.
   What is this to the nearest 100 miles?   ………………..

5. I have driven 437 miles and I am still 678 miles
   from London.   About how far is my total journey to London,
   to the nearest 100 miles?   ……………..

6. New York is 6 798 miles from London. Round this off to the
   nearest thousand miles.   ………………..

7. The deepest lake in the world is Lake Baikal , in Siberia, which has a depth of
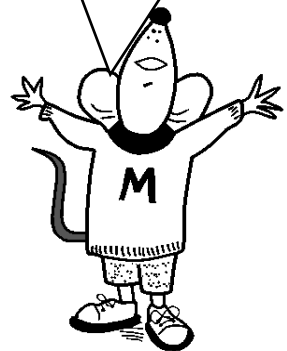   1 637 metres below sea level.
    Round this off to the nearest 100 metres. ………………………

Name:

More rounding

1. Write down the lengths of these American rivers to the
    nearest 1 000 kilometres:

Mississippi	3 779 km	………….	
Yukon	3 185 km	………….	
Rio Grande	2 832 km	………….	
Arkansas	2 348 km	………….	
Colerado	2 334 km	………….	
Red	2 076 km	………….	
Columbia	2 001 km	………….	

It's the hundreds column you need to look at!

2. Write down a number between 3 000 and 4 000
    which is nearer to 3 000 than 4 000.   ………….

3. Write down a number between 2 000 and 3 000 which
    is nearer 2000 than 3 000.   ………….

4. The wettest place in the world is a town in India, with an
    annual rainfall of 1 873 cm of rain.
    Round this off to the nearest <u>thousand</u> cm.   ………….

5. A basketball team scored 1 456 points in a season.
    Round this total to the nearest <u>100</u> points.   ………….

Name:

Answers

Page 1

1. 250 **2.** 530 **3.** 860 **4.** 750 **5.** 270

6. 300 **7.** 300 **8.** 940 **9.** 1 250 **10.** 2 170

11. 2 510 **12.** 1 910 **13.** 560 **14.** 2 330

15. 3 890 **16.** 760 **17.** 2 460 **18.** 2 120

Page 2

1. 2 800 **2.** 3 100 **3.** 9 200 **4.** 4 000 **5.** 1 300

6. 2 600 **7.** 4 600 **8.** 9 700 **9.** 1 100 **10.** 2 100

11. 4 700 **12.** 1 900 **13.** 4 800 **14.** 2 800

15. 3 100 **16.** 5 700 **17.** 1 500 **18.** 3 100

Page 3

1. 4 000 **2.** 4 000 **3.** 8 000 **4.** 1 000 **5.** 9 000

6. Mt Everest 9 000 m K2 9 000 m Aconcagua 7 000 m

Kilimanjaro 6 000 m Matterhorn 4 000 m

Page 4

1. Pacific 4 000 m Indian 4 000 m Atlantic 3 900 m

Caribbean 2 700 m Mediterranean 1 400 m

2. any number between 6 001 and 6 499 **3.** 610 **4.** 4 500 miles

5. 1 100 miles **6.** 7 000 miles **7.** 1 600 m

Page 5

1. Mississippi 4 000 km Yukon 3 000 km Rio Grande 3 000 km

Arkansas 2 000 km Colerado 2 000 km Red 2 000 km Columbia 2 000 km

2. any number between 3 001 and 3 499 **3.** Any number between 2 001 and 2 499

4. 2 000 cm **5.** 1 500 points

Name: