

7 - Digit rounding off

WORKSHEET#10

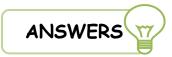


Let's talk about youtube videos and solve the problems using rounding off the numbers.

Sarah wanted to share her knowledge of mathematics, so she published various videos, solving mathematical tasks.

- a) After one month, Sarah's videos had over 2 000 000 reviews altogether, or more exactly 2 359 534 reviews. Round off this number to the nearest thousand, and write is it more accurate to say that it is about 2 300 000 or about 2 400 000 reviews.
- b) After several months, one of her videos in which she worked on the topic "7 - Digit rounding of" was very popular. Namely, in one case, she intentionally made a mistake. Find it.
- A. 5 634 286 rounded off to the nearest 100 is 5 634 300.
- B. 6 259 005 rounded off to the nearest 1000 is 6 260 000.
- C. 2 821 985 rounded off to the nearest 10 000 is 2 820 000.
- D. 1 744 565 rounded off to the nearest 10 is 1 744 570.
- c) After a week, the video had 5 555 444 reviews, and after two weeks it reached 8 634 322 reviews. How many more reviews were, compared to the first week? Use rounding off.
- d) The most reviewed video on the same topic, by another author, had 4 290 875 reviews. Can we say that it is double less, compared to Sarah's video? Explain.





1.

- a) To the nearest thousand: 2 360 000 reviews

 It is more accurate to say 2 400 000 reviews.
- b) B
- c) After a week: about 5 600 000 reviews.

 After two weeks: about 8 600 000 reviews.

There were about 3 000 000 reviews more.

d) 4 290 875 rounded off is 4 300 000.

Sarah's video had about 8 600 000 reviews. That is double more.