

7 - Digit rounding off
WORKSHEET#10

1. ?

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.
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- b) After several months, one of her videos in which she worked on the topic "7 - Digit rounding off" 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.
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- 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.
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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.