Tenths, hundredths and rounding

Decimals · Year 5–7 · ±9 min Medium

Name: ..... Date: .....



Today you learn: I know what tenths and hundredths are, and I can compare and round decimals.

Remember

After the decimal point come the tenths and then the hundredths. Compare the whole numbers first, then the tenths, then the hundredths. Rounding: look at the digit directly to the right of the place you are rounding to. If it is 5 or more, round up. If it is less than 5, the digit stays as it is.

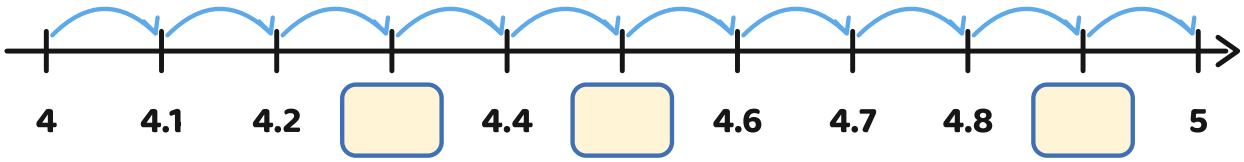
EXAMPLE

3.47 = 3 + 4 tenths + 7 hundredths

Rounding to tenths: 3.47 → 3.5 **to whole numbers: 3.47 → 3**

1 Medium

Fill in the empty boxes on the number line.



2 Medium

Which decimal matches the words? Draw a line.

0.3 ○	○ 25 hundredths
0.07 ○	○ 3 tenths
0.25 ○	○ 1 and 5 tenths
1.5 ○	○ 7 hundredths

3 Medium

Which number is the biggest?

○ 0.09 ○ 0.75 ○ 0.8

4 Medium

What is the value of the 7 in 4.72?

◯ 7 ones ◯ 7 hundredths ◯ 7 tenths

5 Medium

Is the number smaller or bigger than 1.5? Write it in the right column.

Choose from: 1.05 | 1.6 | 1.51 | 1.45 | 1.9 | 1.09

smaller than 1.5	bigger than 1.5

6 Medium

Round 6.48 to the nearest tenth.



.....

7 Medium

Round 12.34 to the nearest whole number.



.....

8 Hard

Marit walks 2.35 km. Daan walks 2.4 km. Who walks further, and by how many km?

.....

.....

9 Medium

True or false? Circle one.

	True	False
0.5 is bigger than 0.45.	☐	☐
0.30 and 0.3 are the same.	☐	☐
If you round 7.96 to the nearest tenth, you get 7.9.	☐	☐

How did it go? ☺ 😐 ☹

✂ ---------- Stuck? Turn the sheet round and read the tip for your number. ----------

Help card

1. Between 4 and 5 there are 10 equal parts. Each part is one tenth.

2. The tenths come first after the point, then the hundredths. Do you see a 0 in the first place?

3. Write all three numbers with two digits after the point.

4. Look at where the 7 is: right next to the point or further away?

5. Write 1.5 as 1.50 and then compare the hundredths.

6. Look at the hundredths. Which digit is there, and what does it tell you?

7. Look at the first digit after the point. Is it 5 or more?

8. Write 2.4 as 2.40 and then subtract one distance from the other.

9. Add zeros after the point until the numbers have the same number of digits. When rounding, look at the digit to the right of the place.

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Answers: Tenths, hundredths and rounding

For the parent · Year 5–7 Medium

Today you learn: I know what tenths and hundredths are, and I can compare and round decimals.

Check it together. When something is wrong, first ask: how did you work that out? Give the tip before the answer.

1. 4.3 · 4.5 · 4.9

   Tip: Between 4 and 5 there are 10 equal parts. Each part is one tenth.

2. 0.3 – 3 tenths · 0.07 – 7 hundredths · 0.25 – 25 hundredths · 1.5 – 1 and 5 tenths

   Tip: The tenths come first after the point, then the hundredths. Do you see a 0 in the first place?

3. 0.8

   Tip: Write all three numbers with two digits after the point.

4. 7 tenths

   Tip: Look at where the 7 is: right next to the point or further away?

5. **smaller than 1.5:** 1.45, 1.09, 1.05
   bigger than 1.5: 1.6, 1.51, 1.9

   Tip: Write 1.5 as 1.50 and then compare the hundredths.

6. 6.5

   Tip: Look at the hundredths. Which digit is there, and what does it tell you?

7. 12

   Tip: Look at the first digit after the point. Is it 5 or more?

8. Daan, 0.05 km further

   Tip: Write 2.4 as 2.40 and then subtract one distance from the other.

9. 1: True · 2: True · 3: False

   Tip: Add zeros after the point until the numbers have the same number of digits. When rounding, look at the digit to the right of the place.

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