

Recognize equivalent decimals

NAME	DATE	SCORE / 10
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1 Do 0.4 and 0.04 name the same number, and why?

- ☐ No. 0.04 is larger, because it has more digits.
☐ Yes. 4 tenths is the same as 40 hundredths. ☐ No. 4 tenths is more than 4 hundredths.
☐ Yes. A zero does not change the value of a number.

2 Which of these decimals are equal to 1.19?

Tick every answer that is true.

- ☐ **A** 1.019
☐ **B** 1.1900
☐ **C** 2.19
☐ **D** 1.191
☐ **E** 1.190

3 Do 8.760 and 8.76 name the same number, and why?

- ☐ No. 8.760 is larger, because it has more digits.
☐ No. 76 hundredths is more than 760 thousandths.
☐ Yes. A zero does not change the value of a number.
☐ Yes. 76 hundredths is the same as 760 thousandths.

4 Which of these decimals are equal to 3.5?

Tick every answer that is true.

- ☐ **A** 3.50
☐ **B** 3.51
☐ **C** 3.500
☐ **D** 3.05
☐ **E** 4.5

5 Do 0.10 and 0.1 name the same number, and why?

- ☐ Yes. A zero does not change the value of a number.
- ☐ No. 1 tenth is more than 10 hundredths. ☐ No. 0.10 is larger, because it has more digits.
- ☐ Yes. 1 tenth is the same as 10 hundredths.
-

6 Which of these decimals are equal to 1.18?

Tick every answer that is true.

- ☐ **A** 1.180
- ☐ **B** 1.1800
- ☐ **C** 1.181
- ☐ **D** 1.018
- ☐ **E** 2.18
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7 Do 0.3 and 0.30 name the same number, and why?

- ☐ Yes. 3 tenths is the same as 30 hundredths. ☐ No. 3 tenths is more than 30 hundredths.
- ☐ No. 0.30 is larger, because it has more digits.
- ☐ Yes. A zero does not change the value of a number.
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8 Which of these decimals are equal to 2.4?

Tick every answer that is true.

- ☐ **A** 3.4
- ☐ **B** 2.04
- ☐ **C** 2.400
- ☐ **D** 2.40
- ☐ **E** 2.41
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9 Do 0.1 and 0.100 name the same number, and why?

- ☐ No. 1 tenth is more than 100 thousandths. ☐ Yes. 1 tenth is the same as 100 thousandths.
- ☐ No. 0.100 is larger, because it has more digits.
- ☐ Yes. A zero does not change the value of a number.

10 Which of these decimals are equal to 2.5?

Tick every answer that is true.

- ☐ **A** 2.05
- ☐ **B** 2.500
- ☐ **C** 2.50
- ☐ **D** 2.51
- ☐ **E** 3.5

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1 No. 4 tenths is more than 4 hundredths.

3 Yes. 76 hundredths is the same as 760 thousandths.

5 Yes. 1 tenth is the same as 10 hundredths.

7 Yes. 3 tenths is the same as 30 hundredths.

9 Yes. 1 tenth is the same as 100 thousandths.

2 B, E

Tick exactly these: B: 1.1900; E: 1.190. One missed or one extra is wrong.

4 A, C

Tick exactly these: A: 3.50; C: 3.500. One missed or one extra is wrong.

6 A, B

Tick exactly these: A: 1.180; B: 1.1800. One missed or one extra is wrong.

8 C, D

Tick exactly these: C: 2.400; D: 2.40. One missed or one extra is wrong.

10 B, C

Tick exactly these: B: 2.500; C: 2.50. One missed or one extra is wrong.
