

## Place Value

### Skill 5 - 2F

#### Equivalent Decimals

**Question from grade 5 test.** Which decimal below is equivalent to 0.05?

**A.** 0.50

**B.** 0.0500

**B.** 0.005

**D.** 0.500

**Answer: B** (One or more zeros placed after the last digit and to the right of the decimal point does not change the value of the decimal).

**Directions:** Look at each pair of decimals. If the pair of decimals are equivalent, circle “y” for “yes”. If the pair of decimals are not equivalent, circle “n” for “no”.

1. 0.30 and 0.300 y n

2. 0.301 and 0.3010 y n

3. 5.3 and 5.03 y n

4. 0.005 and 0.05 y n

5. 0.030 and 0.0300 y n

6. 8.01 and 8.10 y n

7. 1.008 and 1.0800 y n

8. 4.005 and 4.050 y n

9. 2.4 and 2.400 y n

10. 0.5 and 0.50 y n

11. 0.030 and 0.0300 y n

12. 8.01 and 8.10 y n

13. 0.01500 and 0.015 y n

14. 1.0501 and 1.5001 y n

15. 1.0030 and 1.0300 y n

16. 5.003 and 5.0030 y n

17. 0.0509 and 0.059 y n

18. 5 and 5.0 y n

19. 8.500 and 8.50 y n

20. 4.2560 and 4.2506 y n

21. 0.02060 and 0.20600 y n

22. 7.00500 and 7.005 y n

23. 1.0008 and 1.0080 y n

24. 4.000 and 4 y n

25. 5.07 and 5.077 y n

26. 8.006 and 8.0060 y n

27. 5.2 and 5.200 y n

28. 9.2 and 9.02 y n

29. 0.001 and 0.0010 y n

30. 0.00020 and 0.00002 y n

31. 7 and 7.0 y n

32. 1.0100 and 1.10100 y n

33. 8.030 and 8.0300 y n

34. 3.7520 and 3.752 y n

35. 12.0 and 12.00 y n

36. 15.050 and 15.005 y n

37. 0.0002 and 0.002 y n

38. 0.8007 and 0.08007 y n

39. 6.203 and 6.2030 y n

40. 3.330 and 3.33 y n

41. 7.7707 and 7.7077 y n

42. 9.0245 and 9.0024 y n

### Answers; Grade 5 Skill 2F

1. 0.30 and 0.300 yes
2. 0.301 and 0.3010 yes
3. 5.3 and 5.03 no
4. 0.005 and 0.05 no
5. 0.030 and 0.0300 yes
6. 8.01 and 8.10 no
7. 1.008 and 1.0800 no
8. 4.005 and 4.050 no
9. 2.4 and 2.400 yes
10. 0.5 and 0.50 yes
11. 0.030 and 0.0300 yes
12. 8.01 and 8.10 no
13. 0.01500 and 0.015 yes
14. 1.0501 and 1.5001 no
15. 1.0030 and 1.0300 no
16. 5.003 and 5.0030 yes
17. 0.0509 and 0.059 no
18. 5 and 5.0 yes
19. 8.500 and 8.50 yes
20. 4.2560 and 4.2506 no
21. 0.02060 and 0.20600 yes
22. 7.00500 and 7.005 yes
23. 1.0008 and 1.0080 no
24. 4.000 and 4 yes
25. 5.07 and 5.077 no
26. 8.006 and 8.0060 yes
27. 5.2 and 5.200 yes
28. 9.2 and 9.02 no
29. 0.0010 and 0.00100 yes
30. 0.00020 and 0.00002 no
31. 7 and 7.0 yes
32. 1.0100 and 1.10100 no
33. 8.030 and 8.0300 yes
34. 3.7520 and 3.752 yes
35. 12.0 and 12.00 yes
36. 15.050 and 15.005 no
37. 0.0002 and 0.002 no
38. 0.8007 and 0.08007 no
39. 6.203 and 6.2030 yes
40. 3.330 and 3.33 yes
41. 7.7707 and 7.7077 no
42. 9.0245 and 9.0024 no

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