

Decimals: Skill 4 - 26A

Compare Decimals Answers to test question 26A: 1. $0.3 = 0.30$ 2. $0.5 > 0.05$ 3. $0.98 > 0.9$

Compare decimals.

Write $<$, $>$, or $=$ in the box using the number line below. 2.1 2.4

Use a number line to compare decimals.

You can see on the number line that $2.1 < 2.4$, so, place a “less than” symbol in the box above.
(numbers to the right are greater on a number line)

Use a place value chart to compare decimals.

Compare 3.527 and 3.520

Compare the digits.

Ones	.	Tenths	Hundredths	Thousandths		
3	.	5	2	7		Compare the ones. $3 = 3$
3	.	5	2	0		Compare the tenths $5 = 5$ Compare the hundredths $2 = 2$ Compare the thousandths $7 > 0$ So, $3.527 > 3.520$

Use a model to compare decimals.

This model shows $\frac{7}{10}$ or 0.7

Use a ruler to draw horizontal lines connecting the dots on the model. You now have 100 equal parts. So, $\frac{70}{100}$ or 0.70 is shaded.

You can see that 0.7 is equal to or equivalent to 0.70. You divided the same model into more equal parts but the shading did not change.

Compare 0.33 and 0.37 using models.

There are 100 equal parts and 33 equal parts are shaded or $\frac{33}{100}$ or 0.33

There are 100 equal parts and 37 equal parts are shaded or $\frac{37}{100}$ or 0.37. You can see from the models that $0.33 < 0.37$

Decimals: Skill 4 - 26A

Compare Decimals

Directions: Compare. Write $<$, $>$, or $=$ in each box.

1. 0.7 0.70

2. 0.5 0.7

3. 0.8 0.4

Hint: Look at "Use a Model to Compare Decimals" to solve problem number one.

4. 0.17 0.15

5. 0.25 0.35

6. 0.35 0.352

7. 0.50 0.5

8. 0.40 0.04

9. 0.29 0.30

10. 0.8 0.70

11. 0.05 0.50

12. 0.20 0.2

13. 1.4 1.7

14. 1.3 1.30

15. 2.45 2.54

16. 3.80 3.79

17. 0.301 0.299

18. 0.025 0.250

19. 5.01 4.75

20. 0.34 0.33

21. 0.8 0.80

22. 3.427 3.274

23. 0.45 0.278

24. 0.742 0.73

25. 6.585 6.580

26. 2.420 2.42

27. 6.23 0.87

28. 3.75 3.750

29. 2.1 1.9

30. 0.22 0.221

31. 0.20 0.14

32. 0.29 0.291

33. 0.39 0.4

34. 0.275 0.3

35. 0.350 0.35

36. 7.612 7.592

37. 0.233 0.301

38. 5.25 5.249

39. 0.12 0.1

Answer Key Skill 26A Grade 4

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|-------|-------|-------|-------|-------|-------|
| 1. = | 2. < | 3. > | 4. > | 5. < | 6. < |
| 7. = | 8. > | 9. < | 10. > | 11. < | 12. = |
| 13. < | 14. = | 15. < | 16. > | 17. > | 18. < |
| 19. > | 20. > | 21. = | 22. > | 23. > | 24. > |
| 25. > | 26. = | 27. > | 28. = | 29. > | 30. < |
| 31. > | 32. < | 33. < | 34. < | 35. = | 36. > |
| 37. < | 38. > | 39. > | | | |