

COMPARING DECIMALS

ANSWERS

Compare. Write $<$, $>$, $=$ in each \bigcirc .

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|--------------------------------------|------------------------------------|--------------------------------------|
| 1. 45.0568 \bigcirc $>$ 4.50568 | 2. -45.5 \bigcirc $<$ -45.400 | 3. 82.070 \bigcirc $=$ 82.0700 |
| 4. -92.546 \bigcirc $<$ -92.456 | 5. 852.408 \bigcirc $>$ 85.2408 | 6. 2.8214 \bigcirc $>$ 2.82014 |
| 7. 0.506 \bigcirc $=$ 0.50600 | 8. 3.20300 \bigcirc $<$ 3.23000 | 9. -4.26851 \bigcirc $<$ -4.26581 |
| 10. 12.1212 \bigcirc $<$ 12.2121 | 11. 0.00550 \bigcirc $<$ 0.05500 | 12. -7.00742 \bigcirc $>$ -7.07420 |
| 13. -0.23589 \bigcirc $>$ -0.23599 | 14. 97.81 \bigcirc $>$ 97.8000 | 15. -52.5400 \bigcirc $=$ -52.54 |

Write the decimals in order from least to greatest.

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|---|---|
| 16. 32.4568 ; 3.8456 ; 32.6468 ; 32.546
3.8456 ; 32.4568 ; 32.546 ; 32.6468 | 17. 8.4931 ; 8.0856 ; 0.89231 ; 8.9001
0.89231 ; 8.0856 ; 8.4931 ; 8.9001 |
| 18. -5.5515 ; 5.5155 ; -0.55515 ; -5.851
-5.851 ; -5.5515 ; -0.55515 ; 5.5155 | 19. 456.004 ; 45.6004 ; 456.14 ; 45.64
45.6004 ; 45.64 ; 456.004 ; 456.14 |
| 20. 7.0005 ; -70.005 ; -7.005 ; -7.5 ; 7.05
-70.005 ; -7.5 ; -7.005 ; 7.0005 ; 7.05 | 21. -0.0418 ; -0.4018 ; -0.614 ; -0.1400 ; -0.48
-0.614 ; -0.48 ; -0.4018 ; -0.1400 ; -0.0418 |

Write each word form in standard form.

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|---|--------------|
| 22. twenty-five thousandths \longrightarrow | <u>0.025</u> |
| 23. nineteen hundredths \longrightarrow | <u>0.19</u> |
| 24. six hundred three thousandths \longrightarrow | <u>0.603</u> |
| 25. fifteen thousands \longrightarrow | <u>0.015</u> |

Helpful Examples

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| 0.234 | (standard form) |
| \curvearrowright | two hundred thirty-four thousandths
(word form) |
| 0.034 | thirty-four thousandths |
| \curvearrowright | three hundredths |

Answer the word problems.

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| 26. Jolene loves to run. Last week she ran 12.009 km on Monday, 12.54 km on Tuesday, 12.45 km on Wednesday, and 12.08 km on Thursday. Which day did she run the farthest? Tuesday | 27. Jed and his friends had a jumping contest. Jed jumped 3.042 feet in the air, Merck jumped 2.53 feet, Sush jumped 3.31 feet, Tippy jumped 3.05 feet, and Frey jumped 3.100 feet, who jumped the highest? Sush |
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