

Comparing and rounding decimals



Compare decimals with up to 2 places
Round decimals with 1 decimal place to the nearest whole number

1 Count on ten hundredths from each of these decimals.

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|---------------|---------------|---------------|---------------|---------------|
| a 4.2 | b 3.65 | c 4.18 | d 7.1 | e 5.53 |
| f 7.26 | g 8.5 | h 9.41 | i 11.3 | j 12.5 |



2 Round these decimals to the nearest whole number.

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|---------------|---------------|---------------|---------------|---------------|
| a 2.7 | b 3.9 | c 7.5 | d 8.3 | e 9.6 |
| f 10.4 | g 12.5 | h 12.1 | i 14.8 | j 15.2 |

1 Order these decimal numbers, smallest to largest.

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|---|--|
| a 4.5, 4.9, 4.1, 4.7, 4.4 | b 6.87, 6.08, 6.88, 6.18, 6.48 |
| c 8.46, 7.48, 8.14, 7.53, 7.21, 8.05 | d 12.64, 12.81, 12.46, 12.66, 12.18 |
| e 16.61, 16.16, 16.66, 16.11, 16.01 | f 18.4, 19.1, 18.7, 19.5, 18.3 |

2 Write the two whole numbers each of these decimals comes between.
Then circle the whole number that the decimal number rounds up or down to.

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|---------------|---------------|---------------|---------------|
| a 13.4 | b 18.2 | c 16.9 | d 11.1 |
| e 15.7 | f 19.5 | g 25.6 | h 28.8 |

1 Fill in the spaces with decimal numbers, keeping the numbers in order.

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| a 13.8, _____, 14.1, _____, _____, 14.8, _____, _____, 15.3 |
| b 15.99, _____, 16.06, _____, _____, 16.36, _____, 16.51 |
| c 20.01, _____, _____, 20.09, _____, _____, 20.19, _____, 20.29 |
| d 23.7, _____, 23.9, _____, _____, 24.9, _____, _____, 25.1 |

2 Explain the rule for rounding numbers with 1 decimal place.

3 Jasmine is 1.4 metres tall, rounded to 1 decimal place and Jim is 1.39 metres tall. Jasmine is actually smaller than Jim. Explain how this can be.

