

# Ordering Decimals

Practice worksheet · KS3 · Years 7 to 9

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Line up the decimal points and compare from the left – tenths first, then hundredths.

1. Order, smallest first: 0.3, 0.25, 0.7

\_\_\_\_\_

2. Order, smallest first: 0.5, 0.45, 0.8

\_\_\_\_\_

3. Order, smallest first: 1.2, 1.15, 1.4

\_\_\_\_\_

4. Order, smallest first: 0.09, 0.9, 0.19

\_\_\_\_\_

5. Order, smallest first: 2.3, 2.03, 2.31

\_\_\_\_\_

6. Order, smallest first: 0.6, 0.06, 0.66

\_\_\_\_\_

7. Put < or > between: 0.4 \_\_\_ 0.38

\_\_\_\_\_

8. Put < or > between: 0.7 \_\_\_ 0.72

\_\_\_\_\_

9. Put < or > between: 0.25 \_\_\_ 0.3

\_\_\_\_\_

10. Which is bigger: 1.5 or 1.45?

\_\_\_\_\_

11. Put < or > between: 0.08 \_\_\_ 0.1

\_\_\_\_\_

12. Order, smallest first: 0.5, 0.45, 0.409

stretch

\_\_\_\_\_

13. Order, smallest first: 3.14, 3.2, 3.075

stretch

\_\_\_\_\_

14. Put these masses in order, smallest first: 0.85 kg, 0.9 kg, 0.805 kg.

stretch

\_\_\_\_\_

15. Which is bigger: 1.2 or 1.15?

stretch

\_\_\_\_\_

16. Order these prices, cheapest first: 2.50, 2.05, 2.45 (pounds).

stretch

\_\_\_\_\_

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# Answers

Ordering decimals & place value · mark it together

1. smallest first = 0.25, 0.3, 0.7
2. smallest first = 0.45, 0.5, 0.8
3. smallest first = 1.15, 1.2, 1.4
4. smallest first = 0.09, 0.19, 0.9
5. smallest first = 2.03, 2.3, 2.31
6. smallest first = 0.06, 0.6, 0.66
7.  $0.4 \_ 0.38 = >$
8.  $0.7 \_ 0.72 = <$
9.  $0.25 \_ 0.3 = <$
10. 1.5 or 1.45 = 1.5
11.  $0.08 \_ 0.1 = <$
12. smallest first = 0.409, 0.45, 0.5
13. smallest first = 3.075, 3.14, 3.2
14. smallest first = 0.805, 0.85, 0.9
15. 1.2 or 1.15 = 1.2
16. smallest first = 2.05, 2.45, 2.50