

Decimals part 3: Comparing decimal numbers

1 Use $<$, $>$ or $=$ to complete each statement.

a $7,46$ ____ $14,31$

b $4,08$ ____ $4,09$

c $5,64$ ____ $5,46$

d $0,01$ ____ $0,10$

e $1,5$ ____ $1,50$

f $2,01$ ____ $2,10$

2 True or false? (T or F)

a $4,07 < 0,47$ ____

b $2,9 > 2,90$ ____

c $0,24 > 0,49$ ____

d $0,07 < 0,70$ ____

e $5,39 = 5\frac{39}{100}$ ____

f $3\frac{3}{10} > 3,03$ ____

3 Write the amounts from the biggest amount to the smallest amount.

R4,62 ____

Explain why: _____

R1,78 ____

Explain why: _____

R9,80 ____

Explain why: _____

R1,87 ____

Explain why: _____

4 Compare: R4,62 and R4,26. Explain: _____

The measurements below are arranged in descending order in a place-value table.

	Thousands 1000s	Hundreds 100s	Tens 10s	Units 1s	,	Tenths 10ths	Hundredths 100ths
4 517,12 m	4	5	1	7	,	1	2
909,04 m		9	0	9	,	0	4
36,83 m			3	6	,	8	3
0,07 m				0	,	0	7

5 Write the measurements below in ascending order.

0,007 m; 0,04 m; 0,12 m; 0,83 m _____

6 Write the measurements below in descending order.

9,83 m; 9,12 m; 9,04 m; 9,07 m _____

7 Write the measurements below in ascending order.

a 2,06 ml; 6,38 ml; 9,08 ml; 2,60 ml _____

b 6,03 L; 4,30 L; 3,06 L; 3,04 L _____

8 The times below were recorded (in seconds) at an inter-school athletics meeting.

Write the times from the fastest to the slowest.

a 12,09 s; 14,73 s; 11,34 s; 11,43 s; 9,12 s _____

b 27,38 s; 16,09 s; 38,27 s; 8,08 s; 19,60 s _____

Decimals part 4: Calculations with decimals

1 Calculate. Estimate first.

a $1,5 + 18,3$

b $16,04 + 121,2$

c $5,8 \times 0,7$

d $3,6 \times 2,8$

e $5,39 \text{ g} + 0,7 \text{ g}$

f $0,4 \text{ kg} + 0,88 \text{ kg}$

g $\text{R}139,14 - \text{R}10,03$

h $\text{R}543,26 - \text{R}87,95$

i $7,6 - 4,1$

j $1,82 - 0,97$

k $2,6 - 0,81$

l $5 - 2,83$

2 Use the place-value table to fill in the answers.

	$\times 10, 100, 1\ 000$	TH	H	T	U	,	tenths	hundredths
a	$6,9 \times 10$							
b	$2,83 \times 10$							
c	$9,04 \times 10$							
d	$0,06 \times 10$							
e	$4,8 \times 10$							
f	$17,6 \times 100$							
g	$0,65 \times 100$							
h	$12,87 \times 100$							
i	$0,01 \times 10$							
j	$0,07 \times 100$							

3 Divide.

	20	60	90	230	890	991	540	453	876
$\div 10$									
$\div 100$									
$\div 1\ 000$									