

Comparing decimals 1

Is there a point to decimal numbers?
Yes, it's called the decimal point!

Time filler:

Find six objects in the kitchen, such as a mug, jam jar, fork, spoon, potato, carrot, etc. Pair up those of a similar size. Measure the longest side of each item with a ruler and write down the lengths, with the pairs together. Now circle the shorter length in each pair.

1 Circle the larger number in each pair.

3.6	6.3	4.8	8.4	3.5	3.8	9.0	8.9
5.3	4.9	8.0	6.9	12.3	13.3	23.3	33.2
21.2	22.1	35.8	58.3	18.6	16.8	31.5	35.1
2.9	9.2	1.5	2.5	19.8	18.9	34.1	33.9
80.1	80.9	26.3	23.6	14.7	17.4	55.4	54.5

2 Circle the smallest number in each group.

23.2	22.3	23.3	48.7	47.8	48.8	54.6	56.4	54.5
------	------	------	------	------	------	------	------	------

3 Circle the largest number in each group.

28.3	23.8	28.2	95.5	59.5	55.9	63.4	64.3	63.2
------	------	------	------	------	------	------	------	------

4 Circle the smaller amount in each pair.

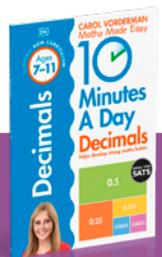
24.6 mm	26.4 mm	£2.58	£2.85	17.9 m	19.7 m
5.48 mm	5.84 mm	17.25 cm	12.75 cm	24.82 g	28.42 g
0.67 g	0.76 g	1.89 cm	1.98 cm	3.83 g	3.38 g
29.4 cm	49.2 cm	34.3 mm	33.4 mm	97.8 g	98.7 g
2.41 g	4.21 g	0.58 cm	1.29 cm	9.09 g	9.13 g

5 Circle the larger amount in each pair.

8.09 g	8.9 g	8.8 m	0.65 m	0.56 cm	1.01 cm
--------	-------	-------	--------	---------	---------

6 Circle the smallest amount in each group.

18.06 m	18.04 m	18.1 m	36.67 kg	37.67 kg	36.66 kg
---------	---------	--------	----------	----------	----------



Comparing decimals 2

When comparing decimal numbers, read them very carefully. For example: 2.333 is just one-thousandth smaller than 2.334.

Time filler:

Measure your height and that of a few of your friends or family members. Measure to the nearest millimetre if possible. Then write the heights in order, with the tallest first.

1 Circle the larger number in each pair.

3.6 1.9 5.86 5.68 7.674 7.688 1.03 1.003

2 Circle the smaller number in each pair.

2.05 2.48 3.867 3.847 5.231 4.999 5.051 5.105

3 Rewrite each row in order, starting with the smallest number.

3.756 3.75 3.675 3.57

4.086 4.085 4.058 4.068

12.3 11.9 13.867 11.444

8.23 3.82 2.83 3.28

4 Circle the larger amount in each pair.

6.72 cm 6.27 cm 4.88 g 4.91 g 6.03 m 3.6 m

5 Circle the smaller amount in each pair.

8.326 kg 8.623 kg 4.845 km 3.999 km 5.123 m 5.104 m

6 Rewrite each row in order, starting with the largest amount.

4.867 km 4.881 km 6.496 km 4.904 km

18.826 kg 12.978 kg 31.423 kg 31.4 kg

£7.49 £7.40 £8.00 £7.94

£15.67 £18.23 £15.76 £17.78

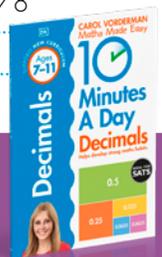


Suitable for 7–11 years | Check the last page of this pack for the correct answers

For more home learning activities go to [dk.com/stay-home-hub](https://www.dk.com/stay-home-hub)

Content from: *10 Minutes a Day Decimals Ages 7–11*

Available now



Answers:

Comparing decimals 1

① Circle the larger number in each pair.

3.6 (6.3) 4.8 (8.4) 3.5 (3.8) (9.0) 8.9

(5.3) 4.9 (8.0) 6.9 12.3 (13.3) 23.3 (33.2)

21.2 (22.1) 35.8 (58.3) (18.6) 16.8 31.5 (35.1)

2.9 (9.2) 1.5 (2.5) (19.8) 18.9 (34.1) 33.9

80.1 (80.9) (26.3) 23.6 14.7 (17.4) (55.4) 54.5

② Circle the smallest number in each group.

23.2 (22.3) 23.3 48.7 (47.8) 48.8 54.6 56.4 (54.5)

③ Circle the largest number in each group.

(28.3) 23.8 28.2 (95.5) 59.5 55.9 63.4 (64.3) 63.2

④ Circle the smaller amount in each pair.

(24.6 mm) 26.4 mm (£2.58) £2.85 (17.9 m) 19.7 m

(5.48 mm) 5.84 mm 17.25 cm (12.75 cm) (24.82 g) 28.42 g

(0.67 g) 0.76 g (1.89 cm) 1.98 cm 3.83 g (3.38 g)

(29.4 cm) 49.2 cm 34.3 mm (33.4 mm) (97.8 g) 98.7 g

(2.41 g) 4.21 g (0.58 cm) 1.29 cm (9.09 g) 9.13 g

⑤ Circle the larger amount in each pair.

8.09 g (8.9 g) (8.8 m) 0.65 m 0.56 cm (1.01 cm)

⑥ Circle the smallest amount in each group.

18.06 m (18.04 m) 18.1 m 36.67 kg 37.67 kg (36.66 kg)

Your child must pay special attention to what is being asked for – larger or smaller. This tests knowledge of place value. Your child should start to “sort” the

numbers by looking at the tens column first, followed by the units, tenths and hundredths and then comparing their sizes.

Comparing decimals 2

① Circle the larger number in each pair.

(3.6) 1.9 (5.86) 5.68 7.674 (7.688) (1.03) 1.003

② Circle the smaller number in each pair.

(2.05) 2.48 3.867 (3.847) 5.231 (4.999) (5.051) 5.105

③ Rewrite each row in order, starting with the smallest number.

3.756 3.75 3.675 3.57
 3.57 3.675 3.75 3.756

4.086 4.085 4.058 4.068
 4.058 4.068 4.085 4.086

12.3 11.9 13.867 11.444
 11.444 11.9 12.3 13.867

8.23 3.82 2.83 3.28
 2.83 3.28 3.82 8.23

④ Circle the larger amount in each pair.

(6.72 cm) 6.27 cm 4.88 g (4.91 g) (6.03 m) 3.6 m

⑤ Circle the smaller amount in each pair.

(8.326 kg) 8.623 kg 4.845 km (3.999 km) 5.123 m (5.104 m)

⑥ Rewrite each row in order, starting with the largest amount.

4.867 km 4.881 km 6.496 km 4.904 km
 6.496 km 4.904 km 4.881 km 4.867 km

18.826 kg 12.978 kg 31.423 kg 31.4 kg
 31.423 kg 31.4 kg 18.826 kg 12.978 kg

£7.49 £7.40 £8.00 £7.94
 £8.00 £7.94 £7.49 £7.40

£15.67 £18.23 £15.76 £17.78
 £18.23 £17.78 £15.76 £15.67

This work will test your child's understanding of place value and he or she will need to take great care when ordering the amounts. Your child needs to look

carefully at the number in each position, starting with the largest and then working towards the smallest.