

Decimals

1) Put these decimals in order with the smallest first.

a) 5.25, 15.3, 5.87, 5.78, 5.2.

b) 1.5, 1.375, 1.4, 1.3, 1.35, 1.425.

c) 7.765, 7.675, 6.765, 7.756, 6.776.

2) Add decimals by rounding eg $7.4 + 9.8$ could be added as $7.2 + 10$.

Work out the following showing rounding in your answers.

a) $6.9 + 7.6 =$

b) $10.7 + 14.3 =$

c) $29.3 + 15.8 =$

3) Convert the following metric units.

a) 3.5 kg into g

b) 11.25 l into ml.

c) 750g into kg.

d) 300ml into l

e) 3 cm into m.

4) The train leaving platform 1 at 14.25pm will arrive at 1607. How long will the journey take?

5) Coronation Street starts at 7.29pm. how long will I have to wait until the football starts at 9.13pm?

6) If the cost of a packet of sausages is £1.50 how much will they cost if the price is increased by 30%?

7) How many 20 pences have the same value as £9.00?

8) The price of an article in a shop has been reduced by 5%. If the article's original price was £25.00, by how much has the article been reduced?

9) What are the total number of days in the months of September, October and November?

10) If 3 articles costing the same amount each comes to 87p, what is the cost of 2 articles?

11) A rectangle measures 3m long by 1.5m wide. What is its area in m^2 .

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