

Activities.

Decimal Numbers



1. Order these groups of numbers from lowest to highest:

a) $0,75$; $0,57$; $0,507$; $0,705$

b) $0,2\hat{5}$; $0,0\hat{2}5$; $0,\hat{2}5$; $0,205$; $0,20\hat{5}$

2. Calculate:

a) The difference between the addition of twenty-one point five and seven point nine six, and the addition of fourteen point three and two point eight five seven.

b) The division between forty-nine point five and eight.

c) $2,4 \cdot (3,02 + 0,456) - (9,231 + 0,4)$

d) $100,15 : 100 - 3,995 \cdot 0,05$

3. Calculate these square roots with one decimal place:

$$\sqrt{890}$$

$$\sqrt{10275}$$

4. Ellen earns £137.40 per week and after 4 weeks she gets an extra payment of £24.75. She spends £354.60 in this period. How much has she saved?
5. Susan cooked a cake and used 1.35 kg of flour, 0,37 kg of sugar, 3 eggs that weigh 80 g each and 240 g of milk. Which is the weight of the mixture?
6. I bought 7 mugs and a glass and paid 58 €. The price of the glass was 4.45€ . How much did each mug cost?
7. Henry had 83.40 €. He bought four tickets for the cinema at 6.50 € each, and two bags of pop corn at 2.25 € each. How much money has he got left?
8. A breeder gives to each pig 0.65 kg of food for every 4 kg of body weight. There are 4 pigs of 75.8 kg, 56.4 kg, 75.4 kg and 89.3 kg. How much food must be prepared in total?
10. In a restaurant seven friends are having a meal. The bill is £173.60 and each person contributes £25.50. What tip does the waiter receive?