

Decimal numbers

Which sign makes the sentence true (<, >, or =)

1. $7.8 \square 2.6 + 4.6$

2. $3.5 + 2.6 \square 5.1 + 0.9$

3. $0.21 - 0.06 \square 0.05$

4. $2.35 \square 4.6 - 2.75$

5. Evaluate: $7 - 0.3 - 3.5 - 1 =$ _____

Multiply these decimal numbers without calculator.

6. $60 \times 1.2 =$ _____

7. $3.1 \times 0.3 =$ _____

8. $0.2 \times 0.6 =$ _____

9. $1.5 \times 0.8 =$ _____

Divide these decimal numbers without calculator.

11. $60 \div 1.2 =$ _____

12. $1.015 \div 5 =$ _____

13. $35.0 \div 3.5 =$ _____

14. $110 \div 0.2 =$ _____

15. Three friends compare their heights. Height of A is 1.69m, height of B is 1.8m and height of C is 1.78m. Who is the tallest?

16. Anna is 1.58m. Drew is 1.47m. What is the difference between Anna's height and Drew's height?

17. A booklet contains 100 pieces of paper and is 13mm thick. What is the thickness of one sheet of paper?

18. £8.40 is shared equally between three brothers. How much does each brother receive?

19. Aisha buys a magazine for £1.25 and chocolates for £2.99. She pays with a £10 note. How much change does she receive?

20. A carpenter bought a piece of wood that was 0.9 meters long. Then she sawed 0.4 meters off the end. How long is the piece of wood now?

21. Each piece of cardboard is 0.3 centimetres thick. If Kayla stacks 7 pieces of cardboard on top of one another, how thick will the stack be?

22. Patricia used 1.45 kilograms of raisins to make 5 bags of trail mix. How many kilograms of raisins, on average, did she put in each bag?

23. Hao had 83.1 grams of pepper. Then he used 3.19 grams of the pepper to make some scrambled eggs. How much pepper does Hao have left?

24. A 2-meter piece of cord costs £1.62. What is the unit price?

£.....per meter

25. Sam wants to buy 3 kg of tapioca pudding and 4 kg of pistachio pudding. How much will he spend.

chocolate pudding	£1.47 per kilogram
butterscotch pudding	£1.89 per kilogram
tapioca pudding	£0.94 per kilogram
vanilla pudding	£0.71 per kilogram
pistachio pudding	£1.89 per kilogram

26. What is 12/25 as a decimal?

27. The rent of a house is £1600. Sam pays ¼ of the amount by cash and remaining by cheque. Find the amount he has to pay by cheque.

28. Use the fraction button to give 3/5 as a decimal.

29. Use the fraction button to cancel these fractions to their simplest.

- a) 6/9
- b)60/72

30. Use calculator to find out 2/7th of 1540.