

FOUR OPERATIONS – DECIMAL NUMBERS

Task 1 – Work out the following calculations.

1) $0.3 + 0.4$

2) $1.2 + 3.5$

3) $2.47 + 1.2$

4) $4.75 + 0.25$

5) $3 + 2.67$

6) $12.4 + 6.31$

7) $3.06 + 1.008$

8) $15.478 + 0.008$

9) $25.5 + 14.75$

10) $109.2 + 36.89$

11) $203.48 + 91.6$

12) $0.047 + 0.0059$

13) $344.678 + 123.456$

14) $14.57 + 3.489 + 289.1$

15) $543.5 + 17.89 + 12.431$

Task 2 – Work out the following calculations.

16) $0.7 - 0.3$

17) $4.6 - 1.2$

18) $5.5 - 2.35$

19) $15.37 - 3.6$

20) $10.05 - 0.5$

21) $8.2 - 3.78$

22) $22.75 - 14.2$

23) $100.6 - 25.45$

24) $305.9 - 186.33$

25) $1 - 0.375$

26) $500.625 - 123.48$

27) $3467.22 - 9.437$

28) $3 - 0.946$

29) $1000 - 425.68 - 2.37$

30) $24.56 - 3.39 - 2.4$

Task 3 – Work out the following calculations.

31) 0.2×3

32) 0.5×0.5

33) 5×3.6

34) 1.67×0.2

35) 1.2×3.5

36) 2.1×4.2

37) 0.6×12

38) 5.25×3

39) 0.75×0.4

40) 7.2×6.8

41) 0.09×0.03

42) 13.5×8.25

43) 345.67×3.89

44) $15.5 \times 2.2 \times 36.098$

45) $436.89 \times 12 \times 0.08$

Task 4 – Work out the following calculations.

46) $1.2 \div 0.4$

47) $15 \div 0.2$

48) $6.3 \div 0.7$

49) $4.8 \div 1.2$

50) $0.6 \div 0.2$

51) $10.5 \div 1.5$

52) $24.6 \div 1.2$

53) $8.64 \div 2$

54) $42.6 \div 1.2$

55) $15.75 \div 0.5$

56) $3.75 \div 1.25$

57) $0.09 \div 0.03$

58) $251.7 \div 3$

59) $28.56 \div 4.2$

60) $12.5 \div 0.4$

Challenge

61) Mia places 3.5 kg of apples and 2.75 kg of bananas in a box. If a box safely holds 7.15 kg, can she add two oranges that weigh 0.41 kg each?

62) A rope is 14.25 metres long. Sam cuts four pieces off, that are 3.25 metres each. How much rope remains?

63) A notebook costs £2.45. John would like to buy three notebooks and a pen that costs £1.15. If he pays with a £10 note, how much change does he receive?

64) A water tank holds 37.5 litres. If 4.8 litres are used each day, how many days until the tank is empty?

65) Tanya is having 15 guests over for dinner. A drink recipe calls for 0.25 litres of juice per glass. If she has 7.25 litres of juice, is there enough for each guest to have two glasses of juice?