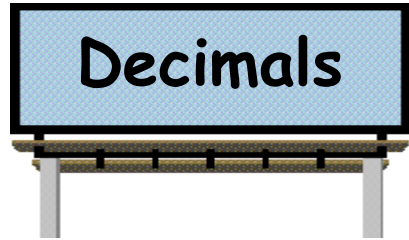




Level 3 Upper - Formal Homework
Non Calculator (working must be shown unless stated).



- Multiply/Divide Decimals by 10, 100 and 100 (answers only please!)
(a) 3.9×10 (b) 100×3.8 (c) 8.1×1000
(d) $140.5 \div 100$ (e) $0.24 \div 10$ (f) $729 \div 1000$
- Multiply/Divide Decimals by Multiples of 10, 100 and 100
(a) 7.21×30 (b) 200×0.38 (c) 0.081×300
(d) $140.35 \div 700$ (e) $0.24 \div 40$ (f) $729 \div 9000$
- Add/Subtract Decimals:-
(a) $4.283 + 6.9$ (b) $13.6 - 5.71$
- Multiply/Divide Decimals by a Decimal
(a) 0.3×3.4 (b) 1.2×0.9 (c) 0.6×0.8
(d) $5.6 \div 0.8$ (e) $0.42 \div 0.07$ (f) $0.045 \div 0.3$
- Rounding using Decimal Places (Answers only):-
(a) 8.296 to 1 dec places (b) 0.3867 to 2 d. p. (c) 9.89898 to 3 dp
- Joan's basic hourly rate of pay is £6.20.
Last week, Joan worked her normal 30 hour shift.
Calculate Joan's pay for last week.

- A lift carries 1000 kilogrammes.
Jamie has 60 boxes each weighing 15.5 kilogrammes.
Will the lift be able to carry all the boxes?
Give a reason for your answer.


Challenge Questions

- (a) At Spuds-R-Us, a 2.5kg bag of potatoes costs £1.25. How much would a tonne of potatoes cost?
- (b) An active sphagnum bog deposits a depth of about 1 metre of peat per 1000 years. Roughly how many millimetres is that per day?

A - 0.0003 B - 0.003 C - 0.03 D - 0.3 E - 3