Mathematics

Estimation

Downloadable Resource

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Questions

Work out an estimate for each of the following:

1) $198.8 \div 0.044$

2) $5.55 + 4.05 \times 31.09$

3) $74\% \ of \ 196$

4) $80.43\% \ of \ 397.2$

5) 9.77^2

6) 3.12^3

Questions

7) A rectangular box has a length of 9.25 metres and a width of 6.93 metres.

a) Work out an estimate of the area of the box.

b) Work out an estimate of the perimeter of the box.

8) A can of paint cost 8.95.

Ronald buy 27 cans of paint.

Work out an estimate for the total cost.

9a) Estimate how many pens costing £4.20 can be bought for £223

b) Would the answer you get for (a) an overestimation or underestimation? Explain why.

10) In a cinema there are 19 rows and in each row there are 22 seats.

Each ticket cost £18.99.

Work out an estimate for the total income from ticket sales.