Mainstream Level 3 Homework 30
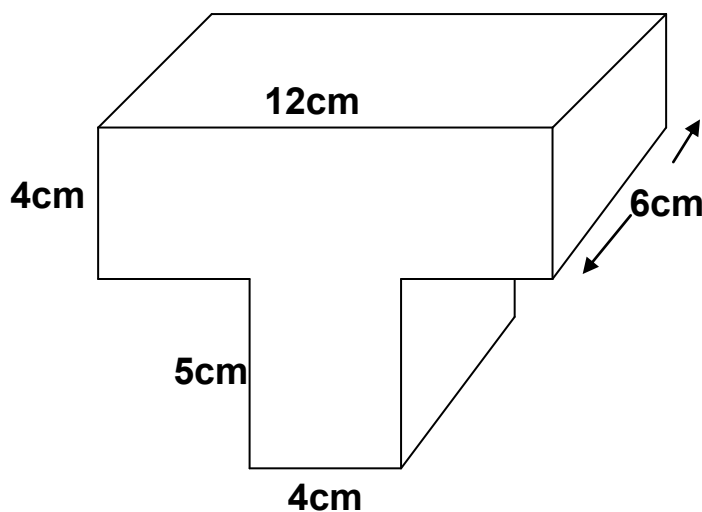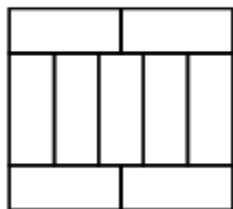
1   Write these times in the 24 hour clock:-

a) 7:25am   b)7:25pm   c) 12:30pm d) 1:15am   e) 12:01am

2   Write these times in the 12 hour clock:-

a) 1735   b) 1112   c) 1245   d) 0005   e) 2355 f) 2120

3   a) $\dfrac{1}{2} + \dfrac{3}{8}$ b) $\dfrac{7}{10} - \dfrac{2}{5}$ c) $\dfrac{1}{3} + \dfrac{1}{7}$ d) $\dfrac{4}{9} - \dfrac{1}{4}$

4   Write as mixed numbers:-
    a) $\dfrac{9}{7}$ b) $\dfrac{13}{5}$ c) $\dfrac{23}{6}$ d) $\dfrac{33}{7}$

5   I think of a number (call it n), multiply it by 4 and add 20. The answer is 68.
    a)   Write an equation.
    b)   Solve it to find the number.

6   Calculate the volume of this shape.

[Kangaroo Grey 2018 Q6] The large rectangle shown is made up of
nine identical rectangles whose longest sides are 10 cm long.

What is the perimeter of the large rectangle?