Intermediate Maths Nov 2018 P1 Q10c

(c)   (i)   Solve $7x - 3 < 29$.   [2]

        (ii)   What is the greatest integer value of x that satisfies the above inequality?   [1]

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Intermediate Maths Sample 1 P2 Q12

(a)   Solve the inequality given below.   [2]

$$7n < 5n + 11$$

(b)   Give the largest integer value for n that satisfies this inequality.   [1]

$$n = \text{.................}$$

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Intermediate Maths Summer 2019 P1 Q17

Arthur, Sian and Kezia are all given some £1 coins.

Arthur receives £n.
Sian is given five times as much money as Arthur.
Kezia receives three times as much money as Arthur, plus an extra £7.

Sian was given less money than Kezia.

(a)   Write down an inequality in terms of n that illustrates the fact that Sian received less
        money than Kezia.   [2]

(b)   What was the greatest amount of money that Arthur could have been given?   [2]

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Intermediate Maths June 2017 P1 Q19

*In this question, you will be assessed on the quality of your linguistic and mathematical accuracy
in writing.*

Rashid owned n sheep.
Eifion had exactly 4 times as many sheep as Rashid.

Rashid buys 17 extra sheep.
Eifion sells 8 of his sheep.

Eifion still has more sheep than Rashid.

Form an inequality, in terms of n.
Solve the inequality to find the **least** value of n.
You must show all your working.   [5 + 1 W]