L/O Formula

1. The formula for Area of a rectangle is   Area = length x width

    A rectangle has length = 7cm and width = 6 cm

    Calculate the area.   _____

2. The formula for Area of a circle is   Area = π r^2

    Use 3.14 for π and a radius of 4 cm

    Calculate the area.   _____

3. Bill earns £7 per hour. How much

    Will he earn in 8 hours?   _____

4. Sally earns £50 for working 5 hours.

    How much does she earn per hour?   _____

5. Sam earns £5.60 per hour and works a   Formula

    9 hour day but he has to pay transport £2   Pay = £5.60 x hours - £2

    What's his take home pay?   _____

6. Stephen earns £19.60 per hour and works for 4

    Hours. His lunch costs £4   Pay = wage per hour x 4 - £4

    What's his take home pay?   _____

7. Keith rents a scooter for 4hrs. There is a fixed

    Charge of £8, then £5 per hour.   Charge = £8 + £5 x number of hours

    What is the final charge ?   _____

8. Charlie earns £19.20 per hour . He has to

   Pay transport of £3. His pay is £120.   Pay = £19.20 x hours - £3

   How many hours did he work?

9. Sam is charged £140 for hiring a hall. How many hours does she hire the hall

   For?

   Charge = £50 + £30 x hours

10. Calculate the amount of tax paid by Cho and Helen each month using these

    Steps

    Step 1 Work out   monthly salary – 987.5

    Step 2 Work out   answer to step 1 above ÷ 5

    Cho earns £2400 per month

    Helen earns £1720 per month

11. Beth wants to buy trainers for £70. She saves her pocket money for 3 weeks.

    She did 5 jobs in the first week, 9 jobs in the second week, 10 jobs in the third week.

    Does she have enough money using the formula

    Pocket money = £2.50 x number of jobs + £5