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Algebra Word Problems Worksheets

1) There are 12 packets of chips in a big pack. I buy n big packs of crisps. How many packets of chips have I bought?

2) There are t pens in a pack. I buy 4 packs. How many pens did I buy?

3) I have 6 sketch pens. A friend gives me n more. How many do I have now?

4) Amy is 6 years older than Jonny. Six years ago she was twice as old as he. How old is each now?

5) Michael has some coins in his pocket consisting of dimes, nickels, and pennies. He has two more nickels than dimes, and three times as many pennies as nickels. How many of each kind of coins does he have if the total value is 52 cents?

6) Think of a number. Double the number. Subtract 6 from the result and divide the answer by 2. The quotient will be 20. What is the number?

7) Evelyn is thinking of constructing a rectangular shaped swimming pool in the plot next to her house such that it is surrounded by grass as given in the figure below. The dimensions of the plot is 50 ft × 40 ft, and the area of the grass is 1184 ft^2. Find the dimensions of the pool.

8) Natalie gets pocket money from her mother and is planning to buy a dress

LIVEWORKSHEETS