

Using simple formulae

5
7
11
15

Rule
 $\times 4$

3
9
14
20

Rule
 $\times 3 + 2$

6
9
15
20

Rule
?

42
63
105
140

4
8
12
20

Rule
?

17
29
41
65

Rule
 $\times 6$

54
72
84
132

Rule
 $\times 8 - 3$

37
69
85
141

Using simple formulae

When $p = 14$ calculate the following:

1. $3p + 7 =$ _____

2. $5p + 11 =$ _____

3. $9p + 3 =$ _____

4. $2p + 25 =$ _____

5. $10p - 7 =$ _____

6. $5p - 15 =$ _____

7. $8p - 12 =$ _____

8. $6p - 60 =$ _____

9. $p + 36 =$ _____

10. $2p - 32 =$ _____

11. $7p + 7 =$ _____

12. $3p - 47 =$ _____

Here is the formula for changing up British pounds (p) to US dollars (d) in Aug 2020.



$$p \times 1.3 = d$$



1. How many dollars would Amir get for £50? _____
2. Lucy has £200 for her holiday. How many dollars can she buy? _____
3. How many dollars could you buy with £125? _____
4. Jessica has £70, what is this in dollars? _____
5. How many pounds would you need to buy \$390? _____
6. Josef wants to change the \$26 he has left from his holiday, back to British pounds. How much money would he get? _____