

## Monday 30.03.20 Success in Seven Answers

1.  $3^2 + 3 \times 2 = 9 + 6 = 15$  (Remember BODMAS)
2.  $\frac{1}{4}$  of 100 =  $100 \div 4 = 25$
3.  $100 \times 99\% = 99\%$  of 100 = 99 (Remember you can switch the order of multiplication values and the x times can be substituted for the word 'of')
4.  $50 \times 60 = 5 \times 6 \times 10 \times 10 = 3,000$  (Use known facts and digit shifting.)
5.  $1 \frac{1}{4} - \frac{1}{2}$  (Change them all into quarters if you are doing pencil and paper method.)  
 $\frac{5}{4} - \frac{2}{4} = \frac{3}{4}$  (You could also do this mentally and just visualise taking away half a pizza from 1  $\frac{1}{4}$  pizzas – draw them if it helps)
6.  $0.5 \times 4$  (Remember that 0.5 is equivalent to a  $\frac{1}{2}$  and you can substitute the x sign for the word 'of')  
So,  $0.5 \times 4 = \frac{1}{2}$  of 4 = 2  
You could also use known facts and adjust:  
 $0.5 \times 4 = 5 \times 4 \div 10 = 20 \div 10 = 2$
7.  $10 - 5.5 = 4.5$  (Mental or column subtraction – with place holders in the tenths column – would lead you to this answer)