FUNCTIONAL MATHS

BIDMAS Solutions

Green Section

1. 27
2. 19
3. 36
4. 31
5. 5
6. 100
7. 18
8. -16
9. -1
10. 17
11. 8
12. 14

Yellow Section

1. 39
2. 45
3. 0
4. 9
5. -4
6. 9
7. 67
8. 158
9. 12
10. 189
11. 972
12. 17

Red Section

1. $(3 + 6) \times 2 = 18$
2. $12 \times (2 + 6) = 96$
3. $25 \div (1 + 4) = 5$
4. $(4 + 3)^2$
5. $(3 + 6) \times 2 = 18$
6. $3 \times (8 + 1) \times 2 = 54$
7. $10 + (2 + 6)^2 = 74$
8. $72 \div (2^3 + 1) = 8$
9. $14 + 8 \div (2 - 1) = 22$
10. $20 \div (2 + 3) \times 5 = 20$
11. $12 \times (\sqrt{49} + 1) = 96$
12. $4 \times (9 - 2)^2 + 3 = 199$

Apply

1. No Janice should do 9×7 first and then $+5$
2. $1 = 44/44$
   $2 = 4/4 + 4/4$
   $3 = (4 + 4 + 4) / 4$
   $4 = 4 + (4 - 4) \times 4$

5= (4 x 4 + 4) / 4
6= (4 + 4) / 4 + 4
7= 4 + 4 - 4/4
8= 4 + 4 + 4 - 4
9= 4 + 4 + 4/4
10= (44 - 4) / 4

11= 44 / ($\sqrt{4}$ + $\sqrt{4}$)
12= 4 x 4 - $\sqrt{4}$ x $\sqrt{4}$
13= 44/4 +$\sqrt{4}$
14= 4 x 4 - 4 + $\sqrt{4}$
15= 4 x 4 - 4/4
16= 4+ 4 +4 + 4
17= 4 x 4 + 4/4
18= 4 x 4 + 4 - $\sqrt{4}$
19= 4! - 4 - 4/4
20= (4 + 4) x $\sqrt{4}$ + 4