FOBISIA Maths

Fluency Dojo practice

Black Belt · Dan 3

Date: _____

Score: _____

Questions

1. Simplify 5:25 = ___:5
2. If 1 item costs £12, 3 items cost £___
3. Simplify 12:18 = ___:3
4. Simplify 8:12 = ___:3
5. 12:6 simplified = ___:1
6. Simplify 12:4 = ___:1
7. Simplify 18:6 = ___:1
8. 1:7 = 5:___
9. If 1 item costs £19, 5 items cost £___
10. Share 24 in ratio 1:3, larger = ___
11. Share 36 in ratio 5:1, larger = ___
12. If 1 item costs £3, ___ items cost £18
13. 4:4 = 24:___
14. 3:8 = 12:___
15. Simplify 8:16 = ___:2
16. If 1 item costs £17, 9 items cost £___
17. Share 42 in ratio 4:2, larger = ___
18. 8:4 = 40:___
19. 1:1 = 6:___
20. 8:2 = 48:___
21. Share 20 in ratio 1:4, larger = ___
22. 5:3 = 20:___
23. Share 90 in ratio 4:5, larger = ___
24. 16:12 simplified = ___:3
25. 3:7 = 15:___
26. 24:18 simplified = ___:3
27. 5:4 = 35:___
28. Share 30 in ratio 3:3, larger = ___
29. Simplify 35:21 = ___:3
30. If 1 item costs £7, 12 items cost £___

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Q1	Simplify 5:25 = ___:5	1
Q2	If 1 item costs £12, 3 items cost £___	36
Q3	Simplify 12:18 = ___:3	2
Q4	Simplify 8:12 = ___:3	2
Q5	12:6 simplified = ___:1	2
Q6	Simplify 12:4 = ___:1	3
Q7	Simplify 18:6 = ___:1	3
Q8	1:7 = 5:___	35
Q9	If 1 item costs £19, 5 items cost £___	95
Q10	Share 24 in ratio 1:3, larger = ___	18
Q11	Share 36 in ratio 5:1, larger = ___	30
Q12	If 1 item costs £3, ___ items cost £18	6
Q13	4:4 = 24:___	24
Q14	3:8 = 12:___	32
Q15	Simplify 8:16 = ___:2	1
Q16	If 1 item costs £17, 9 items cost £___	153
Q17	Share 42 in ratio 4:2, larger = ___	28
Q18	8:4 = 40:___	20
Q19	1:1 = 6:___	6
Q20	8:2 = 48:___	12
Q21	Share 20 in ratio 1:4, larger = ___	16
Q22	5:3 = 20:___	12
Q23	Share 90 in ratio 4:5, larger = ___	50
Q24	16:12 simplified = ___:3	4
Q25	3:7 = 15:___	35
Q26	24:18 simplified = ___:3	4
Q27	5:4 = 35:___	28
Q28	Share 30 in ratio 3:3, larger = ___	15
Q29	Simplify 35:21 = ___:3	5
Q30	If 1 item costs £7, 12 items cost £___	84