

Mathematical Patterns

In these questions the numbers in each group are related in the same way. You must find the missing number in the third group and write it on the answer sheet in the gap.

1. (10 [40] 15) (8 [28] 10) (6 [] 12) 18, 30, 28, 34, 24
2. (6 [10] 14) (12 [17] 22) (9 [] 23) 16, 18, 19, 20, 9
3. (6 [20] 12) (10 [37] 25) (10 [] 11) 22, 21, 25, 26, 23
4. (48 [29] 19) (35 [26] 9) (53 [] 17) 37, 39, 38, 35, 36
5. (7 [54] 8) (8 [70] 9) (12 [] 11) 130, 126, 118, 124, 102
6. (54 [95] 37) (66 [97] 27) (73 [] 29) 98, 101, 108, 103, 106
7. (6 [47] 7) (9 [86] 9) (10 [] 12) 85, 120, 95, 125, 130
8. (9 [25] 8) (13 [27] 7) (15 [] 15) 30, 45, 55, 70, 120
9. (6 [17] 22) (5 [11] 12) (8 [] 14) 22, 17, 15, 94, 45
10. (7 [19] 15) (8 [16] 11) (12 [] 17) 29, 27, 26, 35, 67



Mathematical Patterns Answersheet

***For parents' eyes only!**

- 1. 30**
- 2. 16**
- 3. 23**
- 4. 36**
- 5. 130**
- 6. 106**
- 7. 125**
- 8. 45**
- 9. 15**
- 10. 26**

