

FACTORS, MULTIPLES AND PRIMES

ANSWER SHEET

Q1

24

Q2

14

Q3

40 or 50

Q4

31 or 37

Q5

Any two of: 1, 2, 3, 4, 6, 8, 12

Q6

31, 37

Q7

Any two of: 15, 30, 45, 60, ...

Q8

(a) 14 or 42 (b) 14, 21, 35, or 42

Q9

Any two of: 12, 24, 36, 48, ...

Q10

1, 3, 5, 15

Q11

1, 3, 7, 21

Q12

(a) 49 (b) 40 or 48 (c) 41, 43, 47

Q13

(a) 3 or 12 (b) 12 or 36 (c) 3, 17, 29

Q14

23, 29

Q15

Any two of: 25, 50, 75, 100, ...

Q16

1, 2, 3, 6, 9, 18

Q17

No; 33 is divisible by 3 and 11.

Q18

(a) 2 or 7 (b) 15, 25, or 35 (c) 2, 7, 23

Q19

2, 5

Q20

Any pair: (5,19), (7,17), (11,13)

Q21

Any pair: (3,17), (7,13)

Q22

(a) 6 (b) 36 or 45 (c) 13, 19

Q23

14, 42

Q24

5, 15