

- 1 (a) 52, 54, 56, 58
(b) 7, 9, 11, 13
- 2 (a) 32 (b) 60 (c) 100
(d) 12 (e) 200 (f) 80
- 3 (a) • even • even
(b) The product of two even numbers is an even number.
- 4 (a) 27 (b) 77 (c) 45
(d) 57 (e) 99 (f) 95
- 5 The product of two odd numbers is an odd number.
- 6 Children should find that the product of an odd number and an even number is an even number.

- 1 (a) 168, 504, 1824, 672, 348, 256, 700, 480, 1912, 936
(b) Divide the last two digits by 2. If this number is even then the original number is divisible by 4.

- 2 (a) 168, 504, 1824, 672, 256, 480, 1912, 936

Numbers exactly divisible by 8	168	504	1824	672	256	480	1912	936
Half of the number	84	252	912	336	128	240	956	468
Is the half exactly divisible by 4?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

- (c) A number is exactly divisible by 8 if half the number is divisible by 4.

- 3 (a) 96, 246, 303, 648, 810, 951, 534, 174, 429, 342, 1668

(b) If the sum of the digits is a multiple of 3, the number is exactly divisible by 3.

- 4 (a) 96, 246, 648, 810, 534, 174, 342, 1668

(b) Rosa's statement is true.

(c) If a number is even and is exactly divisible by 3 then it is divisible by 6

- 5 (a) 432, 440

(b) 430, 431, 433, 434, 435, 436, 437, 439, 440

- 1 • 32, 48, 56, 80, 92

• 50, 65, 70, 80, 85, 95

- 2 (a) • 7, 14, 21, 28, 35, 42, 49, 56, 63, 70

• 9, 18, 27, 36, 45, 54, 63, 72, 81, 90

(b) 21, 42, 63

(c) 36, 72

- 3 (a) • even numbers • multiples of 3

(b) 6, 12, 18, 24, 30, 36

(c) Even numbers, multiples of 6

- 4 (a) • 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40

• 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

(b) 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

(c) 10

6 (a) green

(b) 47th

5 (a) 14 (b) 30 (c) 24 (d) 35

(e) 20 (f) 24 (g) 30 (h) 36

7 (a) orange

(b) 33rd