

Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Divisibility Rule - 6**

L2S5

Underline the correct choice:

1) 2745

- a) Last digit is an **even / odd** number.
- b) 2745 is **divisible / not divisible** by 2.
- c) Sum of the digits is **5 / 18 / 45**.
- d) 2745 is **divisible / not divisible** by 3.
- e) 2745 is **divisible / not divisible** by 6.

2) 7621

- a) Last digit is an **even / odd** number.
- b) 7621 is **divisible / not divisible** by 2.
- c) Sum of the digits is **16 / 21 / 62**.
- d) 7621 is **divisible / not divisible** by 3.
- e) 7621 is **divisible / not divisible** by 6.

3) 5628

- a) Last digit is an **even / odd** number.
- b) 5628 is **divisible / not divisible** by 2.
- c) Sum of the digits is **14 / 16 / 41**.
- d) 5628 is **divisible / not divisible** by 3.
- e) 5628 is **divisible / not divisible** by 6.

4) 80241

- a) Last digit is an **even / odd** number.
- b) 80241 is **divisible / not divisible** by 2.
- c) Sum of the digits is **14 / 16 / 41**.
- d) 80241 is **divisible / not divisible** by 3.
- e) 80241 is **divisible / not divisible** by 6.

5) 6720

- a) Last digit is an **even / odd** number.
- b) 6720 is **divisible / not divisible** by 2.
- c) Sum of the digits is **6 / 15 / 46**.
- d) 6720 is **divisible / not divisible** by 3.
- e) 6720 is **divisible / not divisible** by 6.

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- b) 6720 is **divisible / not divisible** by 2.
- c) Sum of the digits is **6 / 15 / 46**.
- d) 6720 is **divisible / not divisible** by 3.
- e) 6720 is **divisible / not divisible** by 6.

7) 34212

- a) Last digit is an **even / odd** number.
- b) 34212 is **divisible / not divisible** by 2.
- c) Sum of the digits is **14 / 32 / 45**.
- d) 34212 is **divisible / not divisible** by 3.
- e) 34212 is **divisible / not divisible** by 6.

- a) Last digit is an **even / odd** number.
- b) 34212 is **divisible / not divisible** by 2.
- c) Sum of the digits is **14 / 32 / 45**.
- d) 34212 is **divisible / not divisible** by 3.
- e) 34212 is **divisible / not divisible** by 6.

9) 2381

- a) Last digit is an **even / odd** number.
- b) 2381 is **divisible / not divisible** by 2.
- c) Sum of the digits is **14 / 23 / 81**.
- d) 2381 is **divisible / not divisible** by 3.
- e) 2381 is **divisible / not divisible** by 6.

10) 1068

- a) Last digit is an **even / odd** number.
- b) 1068 is **divisible / not divisible** by 2.
- c) Sum of the digits is **8 / 15 / 68**.
- d) 1068 is **divisible / not divisible** by 3.
- e) 1068 is **divisible / not divisible** by 6.

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Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Answer key**

**Divisibility Rule - 6**

L2S5

1) 2745

- a) Last digit is an **even** / **odd** number.
- b) 2745 is **divisible** / **not divisible** by 2.
- c) Sum of the digits is **5** / **18** / **45**.
- d) 2745 is **divisible** / **not divisible** by 3.
- e) 2745 is **divisible** / **not divisible** by 6.

2) 7621

- a) Last digit is an **even** / **odd** number.
- b) 7621 is **divisible** / **not divisible** by 2.
- c) Sum of the digits is **16** / **21** / **62**.
- d) 7621 is **divisible** / **not divisible** by 3.
- e) 7621 is **divisible** / **not divisible** by 6.

3) 5628

- a) Last digit is an **even** / **odd** number.
- b) 5628 is **divisible** / **not divisible** by 2.
- c) Sum of the digits is **14** / **16** / **41**.
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4) 90241

- a) Last digit is an **even** / **odd** number.
- b) 90241 is **divisible** / **not divisible** by 2.
- c) Sum of the digits is **14** / **16** / **41**.
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