

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

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

**Divisibility Rule - 15**

L1S11

Fill in the blanks or underline the correct choice:

1) 5450

- a) Sum of the digits is **14 / 45 / 50**.
- b) 5450 is **divisible / not divisible** by 3.
- c) Last digit is \_\_\_\_\_ .
- d) 5450 is **divisible / not divisible** by 5.
- e) 5450 is **divisible / not divisible** by 15.

2) 165

- a) Sum of the digits is **5 / 12 / 65**.
- b) 165 is **divisible / not divisible** by 3.
- c) Last digit is \_\_\_\_\_ .
- d) 165 is **divisible / not divisible** by 5.
- e) 165 is **divisible / not divisible** by 15.

3) 372

- a) Sum of the digits is **2**
- b) 372 is **divisible / not**
- c) Last digit is \_\_\_\_\_
- d) 372 is **divisible / not**
- e) 372 is **divisible / not**

- / 35 / 73**.
- divisible** by 3.
- divisible** by 5.
- divisible** by 15.

5) 2040

- a) Sum of the digits is **6**
- b) 2040 is **divisible / not**
- c) Last digit is \_\_\_\_\_
- d) 2040 is **divisible / not**
- e) 2040 is **divisible / not**

- / 18 / 84**.
- divisible** by 3.
- divisible** by 5.
- divisible** by 15.

7) 7824

- a) Sum of the digits is **4**
- b) 7824 is **divisible / not**
- c) Last digit is \_\_\_\_\_
- d) 7824 is **divisible / not**
- e) 7824 is **divisible / not**

- / 40 / 64**.
- divisible** by 3.
- divisible** by 5.
- divisible** by 15.

**PREVIEW**

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9) 2355

- a) Sum of the digits is **5 / 15 / 55**.
- b) 2355 is **divisible / not divisible** by 3.
- c) Last digit is \_\_\_\_\_ .
- d) 2355 is **divisible / not divisible** by 5.
- e) 2355 is **divisible / not divisible** by 15.

10) 746

- a) Sum of the digits is **6 / 17 / 46**.
- b) 746 is **divisible / not divisible** by 3.
- c) Last digit is \_\_\_\_\_ .
- d) 746 is **divisible / not divisible** by 5.
- e) 746 is **divisible / not divisible** by 15.

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

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

**Answer key**

**Divisibility Rule - 15**

L1S11

1) 5450

- a) Sum of the digits is **14** / **45** / **50**.
- b) 5450 is **divisible** / **not divisible** by 3.
- c) Last digit is **0** .
- d) 5450 is **divisible** / **not divisible** by 5.
- e) 5450 is **divisible** / **not divisible** by 15.

2) 165

- a) Sum of the digits is **5** / **12** / **65**.
- b) 165 is **divisible** / **not divisible** by 3.
- c) Last digit is **5** .
- d) 165 is **divisible** / **not divisible** by 5.
- e) 165 is **divisible** / **not divisible** by 15.

3) 372

- a) Sum of the digits is **2**
- b) 372 is **divisible** / **not**
- c) Last digit is **2**
- d) 372 is **divisible** / **not**
- e) 372 is **divisible** / **not**

4) 7335

- / **35** / **73**.
- divisible** by 3.
- divisible** by 5.
- divisible** by 15.

5) 2040

- a) Sum of the digits is **6**
- b) 2040 is **divisible** / **nc**
- c) Last digit is **0**
- d) 2040 is **divisible** / **nc**
- e) 2040 is **divisible** / **nc**

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- / **18** / **84**
- divisible** by 3.

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- divisible** by 5.
- divisible** by 15.

7) 7824

- a) Sum of the digits is **4**
- b) 7824 is **divisible** / **nc**
- c) Last digit is **4**
- d) 7824 is **divisible** / **nc**
- e) 7824 is **divisible** / **nc**

- / **40** / **64**.
- divisible** by 3.
- divisible** by 5.
- divisible** by 15.

9) 2355

- a) Sum of the digits is **5** / **15** / **55**.
- b) 2355 is **divisible** / **not divisible** by 3.
- c) Last digit is **5** .
- d) 2355 is **divisible** / **not divisible** by 5.
- e) 2355 is **divisible** / **not divisible** by 15.

10) 746

- a) Sum of the digits is **6** / **17** / **46**.
- b) 746 is **divisible** / **not divisible** by 3.
- c) Last digit is **6** .
- d) 746 is **divisible** / **not divisible** by 5.
- e) 746 is **divisible** / **not divisible** by 15.