

Name: _____

Score: _____

Divisibility Rule - 12

L1S10

Underline the correct choice:

1) 537

- a) Sum of the digits is **7 / 15 / 37**.
- b) 537 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 537 is **divisible / not divisible** by 4.
- e) 537 is **divisible / not divisible** by 12.

2) 7248

- a) Sum of the digits is **21 / 48 / 72**.
- b) 7248 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 7248 is **divisible / not divisible** by 4.
- e) 7248 is **divisible / not divisible** by 12.

3) 1224

- a) Sum of the digits is **4 / 19 / 79**.
- b) 1224 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 1224 is **divisible / not divisible** by 4.
- e) 1224 is **divisible / not divisible** by 12.

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- e) 1224 is **divisible / not divisible** by 12.

5) 780

- a) Sum of the digits is **15 / 12 / 60**.
- b) 780 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 780 is **divisible / not divisible** by 4.
- e) 780 is **divisible / not divisible** by 12.

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- b) 780 is **divisible / not divisible** by 3.
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- d) 780 is **divisible / not divisible** by 4.
- e) 780 is **divisible / not divisible** by 12.

7) 235

- a) Sum of the digits is **5 / 21 / 76**.
- b) 235 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 235 is **divisible / not divisible** by 4.
- e) 235 is **divisible / not divisible** by 12.

- a) Sum of the digits is **5 / 21 / 76**.
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- e) 235 is **divisible / not divisible** by 12.

9) 5677

- a) Sum of the digits is **7 / 25 / 77**.
- b) 5677 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 5677 is **divisible / not divisible** by 4.
- e) 5677 is **divisible / not divisible** by 12.

10) 1068

- a) Sum of the digits is **8 / 15 / 68**.
- b) 1068 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 1068 is **divisible / not divisible** by 4.
- e) 1068 is **divisible / not divisible** by 12.

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Name: _____

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Answer key

Divisibility Rule - 12

L1S10

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- a) Sum of the digits is **7 / 15 / 37**.
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2) 7248

- a) Sum of the digits is **21 / 48 / 72**.
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- d) 7248 is **divisible / not divisible** by 4.
- e) 7248 is **divisible / not divisible** by 12.

3) 1224

- a) Sum of the digits is **4**
- b) 1224 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 1224 is **divisible / not divisible** by 4.
- e) 1224 is **divisible / not divisible** by 12.

- a) Sum of the digits is **19 / 79**.
- b) 79 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 79 is **divisible / not divisible** by 4.
- e) 79 is **divisible / not divisible** by 12.

5) 780

- a) Sum of the digits is **15**
- b) 780 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 780 is **divisible / not divisible** by 4.
- e) 780 is **divisible / not divisible** by 12.

- a) Sum of the digits is **12 / 60**.
- b) 60 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 60 is **divisible / not divisible** by 4.
- e) 60 is **divisible / not divisible** by 12.

7) 235

- a) Sum of the digits is **10**
- b) 235 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 235 is **divisible / not divisible** by 4.
- e) 235 is **divisible / not divisible** by 12.

- a) Sum of the digits is **21 / 76**.
- b) 76 is **divisible / not divisible** by 3.
- c) Last two digits are **divisible / not divisible** by 4.
- d) 76 is **divisible / not divisible** by 4.
- e) 76 is **divisible / not divisible** by 12.

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