Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 54 _____

2) 5,053 _____

3) 8,639 _____

4) 774 _____

B) 1) Which of the following numbers is not divisible by 3?

a) 3,102   b) 236   c) 27   d) 4,518

2) Which of the following numbers is divisible by 3?

a) 539   b) 85   c) 9,285   d) 640

C) Choose the correct digits that will make each statement true.

1) 15 __ is divisible by 3.

a) 6   b) 3   c) 7   d) 9

2) 2,8 __ 6 is not divisible by 3.

a) 2   b) 5   c) 0   d) 4

D) There were 126 grilled pork chops prepared at a large barbecue party. If the guests ate 3 chops each, was there any left?

_____

Answer Key

Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 54 ___**divisible**___

2) 5,053 ___**not divisible**___

3) 8,639 ___**not divisible**___

4) 774 ___**divisible**___

B) 1) Which of the following numbers is not divisible by 3?

a) 3,102   b) 236   c) 27   d) 4,518

2) Which of the following numbers is divisible by 3?

a) 539   b) 85   c) 9,285   d) 640

C) Choose the correct digits that will make each statement true.

1) 15 __ is divisible by 3.

a) 6   b) 3   c) 7   d) 9

2) 2,8 __ 6 is not divisible by 3.

a) 2   b) 5   c) 0   d) 4

D) There were 126 grilled pork chops prepared at a large barbecue party. If the guests ate 3 chops each, was there any left?

No, there wasn't because 126 is divisible by 3.

Name : _____

Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 391 _____   2) 48 _____

3) 654 _____   4) 2,102 _____

B) 1) Which of the following numbers is divisible by 3?

a) 96   b) 5,420   c) 869   d) 3,082

2) Which of the following numbers is not divisible by 3?

a) 702   b) 1,128   c) 54   d) 6,311

C) Choose the correct digits that will make each statement true.

1) 9, __ 57 is divisible by 3.

a) 4   b) 0   c) 6   d) 1

2) 3 __ 4 is not divisible by 3.

a) 3   b) 5   c) 4   d) 7

D) Joanne made 78 string stars using jute twine. If she wants to sell them all in sets of 3, will there be any jute decorations left?

_____

Answer Key

Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 391   **not divisible**

2) 48   **divisible**

3) 654   **divisible**

4) 2,102   **not divisible**

B) 1) Which of the following numbers is divisible by 3?

   a) 96   b) 5,420   c) 869   d) 3,082

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   a) 4   b) 0   c) 6   d) 1

2) 3 __ 4 is not divisible by 3.

   a) 3   b) 5   c) 4   d) 7

D) Joanne made 78 string stars using jute twine. If she wants to sell them all in sets of 3, will there be any jute decorations left?

No, there won't be because 78 is divisible by 3.

Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 9,114 _____

2) 286 _____

3) 325 _____

4) 81 _____

B) 1) Which of the following numbers is not divisible by 3?

a) 66   b) 378   c) 7,437   d) 542

2) Which of the following numbers is divisible by 3?

a) 895   b) 24   c) 1,600   d) 773

C) Choose the correct digits that will make each statement true.

1) __ 39 is not divisible by 3.

a) 1   b) 9   c) 4   d) 3

2) 6,40 __ is divisible by 3.

a) 5   b) 2   c) 7   d) 8

D) A bakery made 7,536 cookies. Can they sell the cookies in sets of 3 without there being any cookie left out?

_____

Answer Key

Divisibility Rule for 3

A) State whether the numbers are divisible by 3.

1) 9,114 _____**divisible**_____   2) 286 _____**not divisible**_____

3) 325 _____**not divisible**_____   4) 81 _____**divisible**_____

B) 1) Which of the following numbers is not divisible by 3?

a) 66   b) 378   c) 7,437   d) 542

2) Which of the following numbers is divisible by 3?

a) 895   b) 24   c) 1,600   d) 773

C) Choose the correct digits that will make each statement true.

1) __ 39 is not divisible by 3.

a) 1   b) 9   c) 4   d) 3

2) 6,40 __ is divisible by 3.

a) 5   b) 2   c) 7   d) 8

D) A bakery made 7,536 cookies. Can they sell the cookies in sets of 3 without there being any cookie left out?

Yes, they can because 7,536 is divisible by 3.