

Yellow Challenge

A ball of string is 848 cm long.

It is cut into 4 equal pieces.

What is the length of one piece of string?

Use 15 counters and a place value chart.

a) Can you make a number that is divisible by 3? _____

b) Can you make a number that has a remainder of 1 when divided by 3? _____

c) Can you make a number that has a remainder of 2 when divided by 3? _____

What do you notice? Talk about your findings with a partner.

Eva has a piece of ribbon.

The ribbon measures 839 cm long.

How much ribbon would be left over if she cuts it into:

a) 4 equal pieces

b) 6 equal pieces

c) 8 equal pieces

Can Eva cut the ribbon into equal pieces with no ribbon left over? _____

Explain your answer.

Which calculation's answer is closest to 300? Prove it!

a) $648 \div 2 =$ b) $999 \div 3 =$ c) $848 \div 8 =$ d) $896 \div 4 =$

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