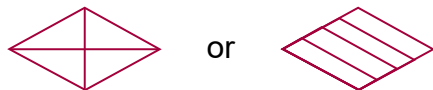




Name _____ Class _____ Date _____

You can divide a diamond into quarters like this:



Each diamond has been divided into 4 equal parts.

Use a ruler to draw straight lines to divide each shape into 4 equal parts. Color one quarter of each shape.



Find different ways to divide these into quarters.



PREVIEW

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When you divide a shape into quarters, there are _____ parts.

Are the parts equal or different? _____

When you divide a shape in half, there are _____ parts.

How many halves are there in 2 cakes? _____

How many quarters in 2 cakes? _____

How many halves in 3 cakes? _____

How many quarters in 3 cakes? _____

How many halves in 4 cakes? _____

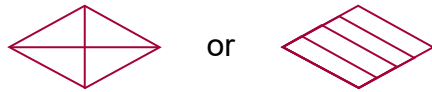
If you had 20 halves, how many cakes did you cut up? _____





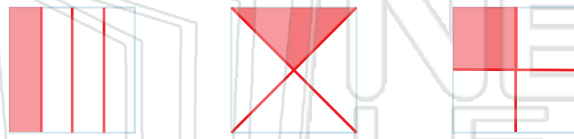
ANSWER KEY

You can divide a diamond into quarters like this:



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Find different ways to divide these into quarters.



PREVIEW

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no

yes

no

no

When you divide a shape into quarters, there are 4 parts.

Are the parts equal or different? equal

When you divide a shape in half, there are 2 parts.

How many halves are there in 2 cakes? 4

How many quarters in 2 cakes? 8

How many halves in 3 cakes? 6

How many quarters in 3 cakes? 12

How many halves in 4 cakes? 8

If you had 20 halves, how many cakes did you cut up? 10

