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Class:	Year 5	

Date: \_\_\_\_\_

Subject: Math

Learning objective: I can find shapes with the same area but different perimeters.

1. Tick all the shapes with the area of 32mm<sup>2</sup>. Write the perimeters of the correct shapes only.

Perimeters of shapes	with an area of	32mm <sup>2</sup> : >		8mm	7
	32mm		4mm		
Perimeter:  16mm  Perimeter:	2mm	8mm	5mm	Perimeter: 7mm 6mr	m
		Perimeter:		Perimeter:	

2. Record the shapes in this table, ordering them so that you are sure that you have found all the squares and rectangles with an area of 32mm<sup>2</sup>. (You may not need all the rows in the table).

Side 1	Side 2	Perimeter

3.	Find and record all the squares or rectangles you can find with an area of 28mm <sup>2</sup> .
	(You may not need all the rows in the table).

Side 1	Side 2	Perimeter		

4.	A shape has an area of 40cm <sup>2</sup> . One of its sides has a length more than 5cm <sup>2</sup> and less than
	10cm <sup>2</sup> . What are the dimensions of the shape?

Challenge -	try to	answer thi	s question	without	drawing	the shape
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