






Photo Scavenger Hunt

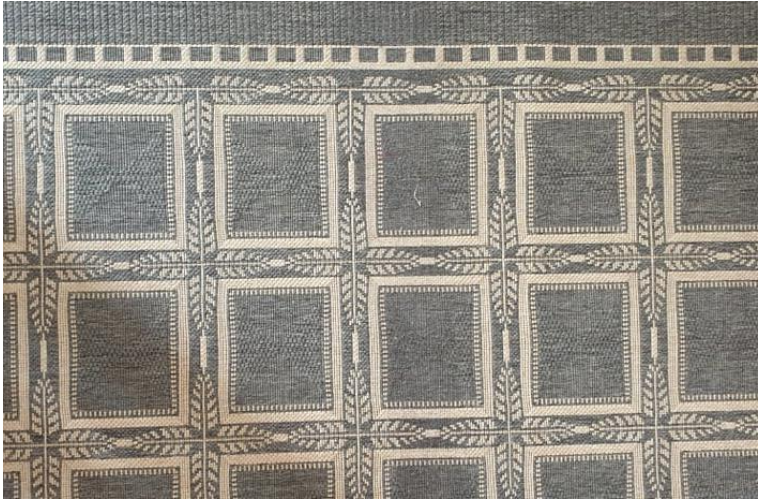

Walk around your home and find objects and/or examples to the table below.

You can take photos of the objects or list them by their names/numbers and together with your working if needed.

Number	Find something that is / shows / reminds you of:	Tick
1	an <u>odd</u> four-digit number E.g. 2021 (the expiry date on a package)	
2	a number greater than 1000 E.g. 128,596	
3	a decimal number E.g. 2.5 L	
4	a multiplication array is an arrangement of objects in rows and columns	

	<p>E.g. This tin has 3 rows and four columns of cups.</p> $4 \times 3 = 12$ $3 \times 4 = 12$ $12 \div 3 = 4$ $12 \div 4 = 3$  <p>Find or make 2 different arrays. Write 2 multiplication and 2 division sentences from each array.</p> <p>Array 1 E.g.</p>  <p>4 rows of 6 biscuits</p> $4 \times 6 = 24$ $6 \times 4 = 24$ $24 \div 6 = 4$ $24 \div 4 = 6$	
<p>5a</p>	<p>a (shop) receipt.</p> <p>Date of receipt: 12/03/2020</p> <p>Time: 9:48 a.m.</p> <p>How long ago was this purchase made? Express in days/hours or both.</p> <p>Today is Thursday 19/03/2020 (11:40 a.m.)</p> <p>From 12/03/2020 till 19/03/2020 (9:45 a.m.) is 7 days</p> <p>From 9.48 a.m. till 11:40 a.m. is</p> <p>9:48 a.m 9:50 a.m 10:00 a.m. 11:40 a.m.</p> <p style="text-align: center;">  </p> <p style="text-align: center;"> 2 mins 10 mins 1hr 40 mins </p>	

<p>b</p>	<p>So, it is 7 days ago. In fact, it is 7 days and 1 hr 52 mins ago Or $7 \times 24 \text{ hours} = 168 \text{ hours}$ $168 \text{ hours} + 1:52 \text{ hours} = 169 \text{ hours } 52 \text{ mins ago.}$</p> <p>Which is the most expensive item on you receipt? Subtract this item. What is the total now? E.g. the most expensive item was €5.10 The total was €11.85. Now $€11.85 - €5.10 = €6.75$</p> <p>Calculate the new change. e.g. Because the total on that day was €11.85 I gave shop keeper a €10 note and a €2 coin. The change was 15c.</p> <p>Now the total is €6.75. I would give shop keeper €10 note. $€10 - €6.75 = €3.25$</p>	
<p>6</p>	<p>a jug or a bottle of water Read or measure its capacity when full. E.g. Water bottle when full is 2.5 L.</p> <p>Share its contents amongst all members of your family. How much did each member of the family get? We are 5 in the family. $2500 \text{ ml} \div 6 = 416 \text{ ml (2 glasses full each)}$</p>	

7	<p>2 things with one line of symmetry E.g. reading glasses, television ...</p> <p>2 things with two lines of symmetry E.g. dining table, carpet ...</p>	
8	<p>a sequence or a pattern e.g.</p> 	
9	<p>2 different clocks showing the same time E.g.</p> 	
10	<p>3 things in your house that you don't take to school which are related to Maths Describe and write how they are related to Maths?</p> <p>E.g. Microwave or Oven When using these appliances mum has to set both the temperature and the time needed for the food to be cooked.</p>	

Number	Now, Let's Measure	Tick
11	<p>Perimeter and area of your room.</p> <p>Length is 3.2 m</p> <p>Width (breath) is 3.45 m</p> <p>Perimeter The total of all sides. $3 + 3.5 + 3 + 3.5 = 13 \text{ m}$</p> <p>Area $A = L \times B$ $3.5 \times 3 = 10.5 \text{ m}^2$</p> <p>Extension (Challenge) What fraction of the whole floor/apartment) is your room? Hint: To work out this, one must know the area of the whole apartment or the floor where your room is.</p> <p>E.g. One floor apartment. Kitchen $4 \text{ m} \times 3 \text{ m} = 12 \text{ m}^2$ Living Room + Dining room $6 \text{ m} \times 3 \text{ m} = 18 \text{ m}^2$ Main Bedroom $4 \text{ m} \times 3 \text{ m} = 12 \text{ m}^2$ My bedroom $3.5 \text{ m} \times 3 \text{ m} = 10.5 \text{ m}^2$ My brother's bedroom $3 \text{ m} \times 3 \text{ m} = 9 \text{ m}^2$ Toilet $2.5\text{m} \times 2\text{m} = 5 \text{ m}^2$ Toilet (2) $2 \text{ m} \times 1.5 \text{ m} = 3 \text{ m}^2$ Corridor (Hall) $6 \text{ m} \times 1.75\text{m} = 10.5 \text{ m}^2$</p> <p>Total area is $12 + 18 + 12 + 10.5 + 9 + 5 + 3 + 10.5 = 80 \text{ m}^2$</p>	

	$\frac{\text{My bedroom}}{\text{whole house}} = \frac{1050}{8000} = \frac{21}{162}$	This fraction is at its simplest form	
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