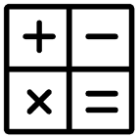


A Maths Question a Day - May

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<p>Have a go at each of these Maths challenges for every day in May!</p> <p style="text-align: right; font-size: small;">www.alittlebutalot.com</p>					<p>1 What are the common factors of 16 and 60?</p>	<p>2 Explain how to round 52.09 to the nearest tenth and whole number?</p>
<p>3 Two-minute challenge: write everything you know about multiplication!</p>	<p>4 Draw a number line from 0 to 10,000 and accurately place these numbers: 9,543 1089 3550 769</p>	<p>5 A shop has 30% off everything. If I paid £6.30 for a top, what was the original price of the top?</p>	<p>6 Draw/use place value counters to represent these numbers 2 ways: 105 687 1001 350 889 1000</p>	<p>7 What is the rule for this sequence and what are the next 3 terms? 2, 4, 8, 16...</p>	<p>8 What is the sum of and the difference between 105897 and 50687?</p>	<p>9 Simplify these fractions: 3/12 9/15 12/20 16/30</p>
<p>10 Two-minute challenge: write everything you know about fractions!</p>	<p>11 Is 4.97×100 the same as $4970 \div 100$? How do you know?</p>	<p>12 Calculate 8×17. How does that help you work out 16×17?</p>	<p>13 If each person in your class had £1.97. How much money would you have altogether?</p>	<p>14 If P is double R and R is five times bigger than Q. What are P and R if Q is 2.5?</p>	<p>15 Find a third the following numbers: 681, 330, 16, 87.</p>	<p>16 What is the odd number out and why: 25, 16, 64, 88 and 9?</p>
<p>17 Two-minute challenge: write everything you know about 3D shapes!</p>	<p>18 427 is my answer. Write a question for each operation to make that true.</p>	<p>19 Find the product of these numbers: 3, 5, 1, 9 and 4.</p>	<p>20 One-minute challenge: write down everything you know about angles!</p>	<p>21 What is $1684 \div 4$? Can you work it out 3 different ways?</p>	<p>22 What do all of these numbers have in common? 3, 15, 21, 18.</p>	<p>23 If $a=26$, $b=25$, $c=24$. Who in your family has the name worth the most? The least?</p>
<p>24 Two-minute challenge: write everything you know about coordinates!</p>	<p>25 Always, sometimes, never: 3D objects have square faces.</p>	<p>26 Write different values to make this true. Think of at least 3! $a \times b > 60$</p>	<p>27 What is 35% of these numbers: 50 68 310 72 105 16</p>	<p>28 Write these decimals as fractions in their simplest form: 0.2, 0.15, 0.75, 0.6 and 0.1.</p>	<p>29 If $90 \div f = 4.5$. What is f? Describe how you worked it out.</p>	<p>30 9.6 is my answer. Write a question for each operation to make that true.</p>
<p>31 TRICKY QUESTION: Can a shape have 2 right angles and an acute angle? Draw it!</p>	<div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> <p style="font-size: 1.2em; font-weight: bold;">Can you draw your working out? Can you show it using a written method? Can you talk to someone about how you worked out your answers?</p> </div> </div>					