

KS2 Answers

Page	Activity Title	Answers																																																																														
9	The Chocolate Factory	<ol style="list-style-type: none"> Happy because they said that they were lucky They had won a prize in their school fair raffle Keeping the chocolate clean because people will eat it The beans are roasted in ovens to bring out the flavour and colour. Sugar, vanilla and milk Melting and solidifying 																																																																														
10	Learn to Fingerspell	<ol style="list-style-type: none"> Fingerspelling is a way of spelling words using hand movements and is a part of learning sign language. British Sign Language a, e, i, o, u v, w, x, y, z 																																																																														
12-13	The Burning of the Rice Fields	<ol style="list-style-type: none"> On a mountain in Japan; high up on a mountain, far away in Japan; in rice fields Because he always did what he was told without question; because he trusted his grandfather; because he respected his grandfather A tidal wave; a tsunami Sometimes awful things have to happen for the better good. Traditional tales are stories that have been told and re-told over many years, so that almost everybody in a particular culture will know them. Fairy tales are traditional tales, so Cinderella, The Three Little Pigs, Jack and the Beanstalk and many other would be suitable answers. 																																																																														
20	Poetry	<ol style="list-style-type: none"> 1. Mr Watkin Unhappiness, sorrow, misery, sadness. 9 years old a. Chaotic, shambles b. disordered, uncontrolled, unorganised, bad, awful (or similar), resilient, determined (or similar) Any example of something children think might improve their school. 																																																																														
25	William Shakespeare	<ol style="list-style-type: none"> At his home, in Stratford-upon-Avon, in 1564 His father was John Shakespeare, who was a leather merchant, and his mother was Mary Arden whose family owned land nearby Not much is known but it is thought that he went to the local school Various responses with reasons He worked as an actor and a playwright Various responses with reasons 																																																																														
29	Hundred Square	<table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>34</td><td>35</td><td>36</td><td>37</td></tr> <tr><td>44</td><td>45</td><td>46</td><td>47</td></tr> <tr><td>54</td><td>55</td><td>56</td><td>57</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>68</td><td>69</td><td>70</td></tr> <tr><td>78</td><td>79</td><td>80</td></tr> <tr><td>88</td><td>89</td><td>90</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>41</td><td>42</td><td>43</td></tr> <tr><td>51</td><td>52</td><td>53</td></tr> <tr><td>61</td><td>62</td><td>63</td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>6</td><td>7</td><td>8</td></tr> <tr><td>16</td><td>17</td><td>18</td></tr> <tr><td>26</td><td>27</td><td>28</td></tr> </table> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>31</td><td>32</td><td>33</td><td>34</td></tr> <tr><td>41</td><td>42</td><td>43</td><td>44</td></tr> </table> <table border="1" style="display: inline-table;"> <tr><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td></tr> <tr><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td></tr> <tr><td>94</td><td>95</td><td>96</td><td>97</td><td>98</td></tr> </table>	2	3	4	5	12	13	14	15	22	23	24	25	34	35	36	37	44	45	46	47	54	55	56	57	68	69	70	78	79	80	88	89	90	41	42	43	51	52	53	61	62	63	6	7	8	16	17	18	26	27	28	21	22	23	24	31	32	33	34	41	42	43	44	74	75	76	77	78	84	85	86	87	88	94	95	96	97	98
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31	Let's Multiply!	<ol style="list-style-type: none">$2 \times 3 = 6$$5 \times 6 = 30$$7 \times 4 = 28$$6 \times 8 = 48$$2 \times 4 = 8$$3 \times 3 = 9$$8 \times 8 = 64$$1 \times 6 = 5$$12 \times 4 = 48$$4 \times 3 = 12$
33	Let's Multiply Some More!	<ol style="list-style-type: none">$5 \times 9 = 45$$3 \times 12 = 36$$7 \times 7 = 49$$8 \times 9 = 72$$4 \times 11 = 44$$2 \times 7 = 14$$3 \times 9 = 27$$10 \times 7 = 70$$8 \times 12 = 96$$9 \times 11 = 99$
34	What's Missing?	<p>Card One</p> <p>a) 58, 71, 84, 97, 110, 123, 136, 149 (counting forwards in 13s) b) 140, 131, 122, 113, 104, 95, 86, 77 (counting backwards in 9s)</p> <p>Card Two</p> <p>So sorry, we have realised that we have made a mistake on this question and that it was not designed correctly. Some numbers have appeared that shouldn't have... We promise we will rectify this on our printed cards. Our apologies for any inconvenience caused.</p>
35	What's Missing?	<p>Card One</p> <p>$50 + 12 - 18 = 44$ $100 - 50 \times 3 = 150$ $50 \div 10 + 7 = 12$ $24 \div 3 \times 8 = 64$ $12 \times 3 \div 6 = 6$ $7 \times 3 + 28 = 49$</p> <p>Card Two</p> <pre>graph TD; 7.3((7.3)) --- 10.4((10.4)); 7.3 --- 10.1((10.1)); 10.4 --- 3.1((3.1)); 10.4 --- 5.9((5.9)); 10.1 --- 5.9; 10.1 --- 2.8((2.8)); 3.1 --- 5.9; 5.9 --- 2.8;</pre>
36	Dip & Pick	<ol style="list-style-type: none">3333211
37	Dip & Pick	<ol style="list-style-type: none">£91.50Each ticket cost £45.75. They would all be in the front row.$£45.74 + £45.75$ $£45.75 + £30.50 + £15.25$ $£45.75 + (£15.25 \times 3)$ $£30.50 + £30.50 + £30.50$ $£30.50 + (£15.25 \times 4)$ $(£30.50 \times 2) + (£15.25 \times 2)$ $£15.25 \times 6$

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38-39	Number and Place Value	<ol style="list-style-type: none">72, 81, 90Yes4235, 4253, 4325, 4523, 5243, 5423375689, 76502, 87053652, 37, 21, -9, -12, -49
40	Reasoning	<p>Card One 13 has three 'ones' 13 and 31 are prime, 21 and 51 aren't 21 and 51 are multiples of 3, 13 and 31 aren't 13 and 31 have a digit sum of 4, 21 and 51 don't 21 has an even number of tens 31 and 51 are part of a number sequence counting in 20s from 11</p> <p>Card Two There are lots of possible answers. Here are some of ours: How many hours in 2 days/12 mins past 6 is how far from 7:00? How many months in 4 years/how many eggs in 4 dozen? What is treble 16? $3 \times 4 \times 4 \ 60 \div 3 \times 2 + 8 \ 6 \times 5 + 20 - 2 \ 25 \times 3 - 71 + 44$</p>
41	Reasoning	<p>Card One Which of these questions below have an answer of 60? Half of 120, double 30, $15 + 15 + 15 + 15$, $84 - 22 - 4$ $\frac{1}{4}$ of 280, $600 \div 20$, $5 \times 10 + 10$, $8 \times 8 - 2$ $150 \div 2 - 20$, $18 + 14 + 12 + 16$, $\frac{1}{3}$ of 150, Double 15 + Double 12 + Double 3</p> <p>Card Two My number could be ... Any number from 10 - 99 Number in the 20s, 40s, 60s or 80s 24, 42, 48, 60, 66, 84 24, 42, 48, 84 42, 84 My number is: 84</p>
42	Problem Solving	<p>Card One 6345, 6346, 6347, 6348, 6349</p> <p>Card Two $257 + 143 = 400$ Or variations with the digits in the same places e.g. $247 + 153$ etc.</p>
43	Problem Solving	<p>Card One 18 boys</p> <p>Card Two Presents cost £2.80, £4.20 and £5.60 Total cost £12.60</p>
44-45	More Problem Solving	<ol style="list-style-type: none">Midpoint of 1.42 and 2.34 is 1.88Yes, 60.0.036, 0.306, 0.36, 3.06, 3.6$\frac{3}{5} = \frac{6}{10} = 60\%$. So, 70% would be more£22.004 vouchers. £90
63	Inputs and Outputs	<p>Common input devices could be: Keyboard, Joystick, Controller, and Microphone. Children can draw and label these devices to explain what the specific input might be i.e. draw a keyboard, label the spacebar as "Jump"</p> <p>Output might be: sound (via a speaker), vibration on the controller and the display output on the screen/Monitor</p>
65	Flowchart	See an example on the next page – please note that there are *lots* of ways this flowchart could be achieved so whilst this is an example it isn't an exhaustive answer. The flowchart can be expanded to add powerups, level ups etc.

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66	Our World – Night and Day	Questions 1. The Earth spins on its axis every 24 hours. It gets dark when the Earth spins and some places face away from the sun. 2. While the Earth spins, places which are towards the Sun get daylight and places which face away from the sun get night.
68	Continents, Countries and Oceans	1. Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean. 2. The equator passes through the land of 11 countries - São Tomé and Príncipe, Gabon, Republic of the Congo, The Democratic Republic of the Congo, Uganda, Kenya, Somalia, Indonesia, Ecuador, Colombia and Brazil. The equator passes through the waters of Maldives and Kiribati.

Flowchart Example

