





Year 6
Maths
Tuesday 9th June
Choose one of the activities on
the next slides





Activity

<p>1a. Jasmine has 25 shells.</p> <p>Kayden has 10 times as many shells as Jasmine.</p> <p>Elliot has 100 times as many shells as Jasmine.</p> <p>How many do they have altogether?</p> <p>☆</p>	<p>1b. Macauley has 55 lollies.</p> <p>Stephen has 10 times as many lollies as Macauley.</p> <p>Rhianna has 100 times as many lollies as Macauley.</p> <p>How many do they have altogether?</p> <p>☆</p>
<p>2a. Rach has 143 flowers in her garden.</p> <p>Suma has 1,340 flowers in her garden.</p> <p>Suma says,</p> <p> I have 1,000 times as many flowers as you.</p> <p>Is Suma correct? Explain your answer.</p> <p>☆</p>	<p>2b. Feroze has 543 sweets in a jar.</p> <p>Katie has 5,430 sweets in a jar.</p> <p>Katie says,</p> <p> I have 100 times as many sweets as you.</p> <p>Is Katie correct? Explain your answer.</p> <p>☆</p>
<p>3a. Which number does not belong? Convince me.</p> <p>A. 760 B. 67</p> <p>C. 6,700</p> <p>☆</p>	<p>3b. Which number does not belong? Convince me.</p> <p>A. 850 B. 580</p> <p>C. 8,500</p> <p>☆</p>





Activity

<p>4a. Jamie has 450 building blocks.</p> <p>Olivia has 10 times as many blocks as Jamie.</p> <p>Sasha has 10 times as many blocks as Olivia.</p> <p>How many do they have altogether?</p> <p>☆</p>	<p>4b. Karris has 650 stickers.</p> <p>Elijah has 10 times as many stickers as Karris.</p> <p>Sophie has 10 times as many stickers as Elijah.</p> <p>How many do they have altogether?</p> <p>☆</p>
<p>5a. Amir has 2,532 pennies.</p> <p>Justin has 23,552 pennies.</p> <p>Justin says,</p>  <p>I have 10 times as many pennies as you.</p> <p>Is Justin correct? Explain your answer.</p> <p>☆</p>	<p>5b. Logan has 1,766 marbles.</p> <p>Nan has 100,766 marbles.</p> <p>Nan says,</p>  <p>I have 100 times as many marbles as you.</p> <p>Is Nan correct? Explain your answer.</p> <p>☆</p>
<p>6a. Which number does not belong? Convince me.</p> <p>A. 664 B. 960</p> <p>C. 9,600</p> <p>D. 9,662 E. 66,400</p> <p>☆</p>	<p>6b. Which number does not belong? Convince me.</p> <p>A. 954 B. 139</p> <p>C. 95,400</p> <p>D. 1,390 E. 1,930</p> <p>☆</p>



Activity

<p>7a. Carlos has 3,897 grains of rice.</p> <p>Tayla has 10 times as many grains of rice as Carlos.</p> <p>Mike has 100 times as many grains of rice as Tayla.</p> <p>How many do they have altogether?</p> <p>☆</p>	<p>7b. Zara has 8,534 petals.</p> <p>Kane has 10 times as many petals as Zara.</p> <p>Usamah has 100 times as many petals as Zara.</p> <p>How many do they have altogether?</p> <p>☆</p>
<p>8a. Vanita has 75,876 beads.</p> <p>Jack has 750,876 beads.</p> <p>Jack says,</p> <p> I have 10 times as many beads as you.</p> <p>Is Jack correct? Explain your answer.</p> <p>☆</p>	<p>8b. Jade has 98,385 threads in her jumper.</p> <p>Mort has 9,838,500 threads in his jumper.</p> <p>Mort says,</p> <p> I have 100 times as many threads as you.</p> <p>Is Mort correct? Explain your answer.</p> <p>☆</p>
<p>9a. Which number does not belong? Convince me.</p> <p>A. 4,710,000 B. 74,120</p> <p>C. 7,412 D. 471,000 E. 741,200</p> <p>F. 47,100 G. 417</p> <p>☆</p>	<p>9b. Which number does not belong? Convince me.</p> <p>A. 6,324 B. 2,897</p> <p>C. 632,400 D. 54,236 E. 542,360</p> <p>F. 28,970 G. 280,970</p> <p>☆</p>



Answers

Now mark your work.

Developing

1a. $25 + 250 + 2,500 = 2,775$

1b. $55 + 550 + 5,500 = 6,105$

2a. Suma is incorrect because $1,000 \times 143 = 143,000$. Suma has 10 times more than Rach.

2b. Katie is incorrect because 100×543 would be 54,300. Katie has 10 times more than Feroze.

3a. A is the odd one out because $67 \times 100 = 6,700$

3b. B is the odd one out because $850 \times 10 = 8,500$

Expected

4a. $450 + 4,500 + 45,000 = 49,950$

4b. $650 + 6,500 + 65,000 = 72,150$

5a. Justin is incorrect because $10 \times 2,532 = 25,320$

5b. Nan is incorrect because $100 \times 1,766 = 176,600$

6a. D is the odd one out because $100 \times 664 = 66,400$ and $10 \times 960 = 9,600$

6b. E is the odd one out because $100 \times 954 = 95,400$ and $10 \times 139 \times 10 = 1,390$

Greater Depth

7a. $3,897 + 38,970 + 3,897,000 = 3,939,867$

7b. $8,534 + 85,340 + 853,400 = 947,274$

8a. Jack is incorrect because $75,876 \times 10 = 758,760$

8b. Mort is incorrect because $98,385 \times 100 = 9,838,500$

9a. G is the odd one out because $47,100 \times 10 = 471,000$; $47,100 \times 100 = 4,710,000$; $7,412 \times 10 = 74,120$ and $7,412 \times 100 = 741,200$

9b. G is the odd one out because $6,324 \times 100 = 632,400$; $2,897 \times 10 = 28,970$; $54,236 \times 10 = 542,360$

