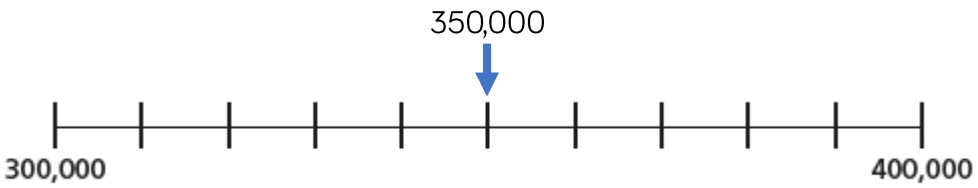
Y5 – Autumn – Block 1 – Step 10 – Round numbers to one million Answers

<table>
<tr><th>Question</th><th>Answer</th></tr>
<tr><td>1</td><td>b) 64,300 is nearer to 60,000 than 70,000
64,300 rounds to 60,000 to the nearest 10,000
c) 67,250 is nearer to 70,000 than 60,000
67,250 rounds to 70,000 to the nearest 10,000
d) 69,425 is nearer to 70,000 than 60,000
69,425 rounds to 70,000 to the nearest 10,000</td></tr>
<tr><td>2</td><td>a) 610,500 is nearer to 600,000 than 700,000
610,500 rounds to 600,000 to the nearest 100,000
b) 640,300 is nearer to 600,000 than 700,000
640,300 rounds to 600,000 to the nearest 100,000
c) 670,250 is nearer to 700,000 than 600,000
670,250 rounds to 700,000 to the nearest 100,000
d) 690,425 is nearer to 700,000 than 700,000
690,425 rounds to 700,000 to the nearest 100,000</td></tr>
<tr><td>3</td><td> 

350,000 rounds to 400,000 to the nearest 100,000</td></tr>
<tr><td>4</td><td>
<table>
<tr><th>Type of house</th><th>Price</th><th>Rounded to the nearest £10,000</th><th>Rounded to the nearest £100,000</th></tr>
<tr><td>terraced house</td><td>£194,167</td><td>£190,000</td><td>£200,000</td></tr>
<tr><td>semi-detached house</td><td>£225,674</td><td>£230,000</td><td>£200,000</td></tr>
<tr><td>detached house</td><td>£365,697</td><td>£370,000</td><td>£400,000</td></tr>
<tr><td>flat</td><td>£98,099</td><td>£100,000</td><td>£100,000</td></tr>
</table>
</td></tr>
</table>

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Question	Answer
5	**a) 432,442** to the nearest 10 is 432,440 to the nearest 100 is 432,400 to the nearest 1,000 is 432,000 to the nearest 10,000 is 430,000 to the nearest 100,000 is 400,000 **b) 878,675** to the nearest 10 is 878,680 to the nearest 100 is 878,700 to the nearest 1,000 is 879,000 to the nearest 10,000 is 880,000 to the nearest 100,000 is 900,000
6	a) 650,000 b) Amir is not correct because 750,000 would round up to 800,000 to the nearest 100,000 749,999 is the largest integer that rounds to 700,000
7	Teddy is wrong because if he buys 10 boxes he will only have 80 tiles and will need 4 more tiles. Teddy needs to buy 11 boxes and then he will have 6 tiles left over. Dora needs 11 boxes of tiles. She will have 7 tiles left over.