

Reasoning and Problem Solving Round to 10, 100 and 1,000

Developing

1a. **5,136; 5,144.**

2a.

3,087	2,507	2,525	2,487	2,539
2,588	2,466	2,421	2,577	2,421
2,405	2,516	2,610	2,490	2,532
1,099	2,455	2,481	2,541	2,573
2,469	2,504	2,380	2,419	3,042
4,099	3,081	2,571	2,436	2,044

3a. **Various answers, for example: 2,005 and 2,405; 2,085 and 2,485; 2,015 and 2,415.**

Expected

4a. **Nine thousand, six hundred and forty-eight; 9,654**

5a. **Explanation that recognises that 1,954 should round up to 2,000 rather than 1,900.**

6a. **Various answers, for example: 550 and 785; 555 and 790; 665 and 900.**

Greater Depth

7a. **Four thousand, three hundred and fifteen; 4,324**

8a. **Explanation that recognises that MMCL is 2,150 and would round up to 2,200.**

9a. **Various answers, for example: 5,524 and 5,768; 6,164 and 6,408; 6,044 and 6,288.**

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Developing

1b. **7,203; 7,195.**

2b.

7,580	7,706	6,118	6,911	7,302
7,002	6,091	7,091	6,540	6,412
6,699	7,100	6,871	7,697	7,893
6,319	7,712	7,219	7,099	6,450
6,494	7,500	6,412	6,792	6,283
7,834	6,225	7,802	6,914	7,450

3b. **Various answers, for example: 2,504 and 7,854; 7,614 and 7,964; 7,994 and 7,644.**

Expected

4b. **6,608; Six thousand, five hundred and fifty-nine**

5b. **Explanation that recognises that 3,507 should round up to 4,000 rather than 3,000.**

6b. **Various answers, for example: 5,557 and 5,807; 5,997 and 5,747; 5,707 and 5,957.**

Greater Depth

7b. **Two thousand, six hundred and twenty-four; 2,648 (Roman Numerals).**

8b. **Explanation that recognises that MMMCD is 3,400 and would round down to 3,000.**

9b. **Various answers, for example: 2,530 and 2,835; 3,031 and 3,336; 2,931 and 3,236.**