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1. 21 738, 34 567, 78 210
2. 123 431, 146 379, 203 483
3. 4 321 709, 7 124 976, 7 643 245
4. Any number between 30 000 and 40 000.
5. Any number between 300 000 and 400 000.
6. Any number between 3 000 000 and 4 000 000.
7. Possible answers: 42 536 > 34 917, 52 436 > 34 917, 52 336 > 44 917
8. 7 652 999, 7 653 000
9. 2400, 2390
10. 15 915, 15 920

Think. Four numbers: 9 876 543, 8 765 432, 7 654 321, 6 543 210

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1. Answers will vary, e.g. 4 372 135 < 7 816 099
2. Answers will vary, e.g. 8 233 087 < 8 557 291
3. Answers will vary, e.g. 7 622 371 < 7 655 679
4. Any 7-digit number made with the digits 1 to 7 greater than 3 000 000 but less than 4 000 000.
5. Any 7-digit number made with the digits 1 to 7 greater than 2 500 000 but less than 3 000 000.
6. Any 7-digit number made with the digits 1 to 7 greater than 6 400 000 but less than 6 500 000.
7. 425 710, 472 911, 639 820, 651 207
8. 4 510 246, 4 876 024, 5 217 692, 8 217 390
9. 18 361, 27 594, 45 986, 54 233

Think. Answers will vary.

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1. 3 029 134, 3 045 678, 3 124 678,
3 456 213
2. 663 109, 746 201, 746 213,
764 327
3. 2 780 125, 2 782 478, 2 786 521,
2 792 431
4. Answers will vary.
5. 498 710
6. Answers will vary,
e.g. $6\ 351\ 829 < 6\ 371\ 420$

7. False
8. False
9. True
10. True

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1. $21.34 < 21.43$
2. Answers will vary, e.g. $76.01 > 75.34$
3. $0.03 = \frac{3}{100}$, $\frac{1}{4} = 0.25$,
 $0.7 = \frac{7}{10}$, $\frac{47}{100} = 0.47$
4. 6
5. 10
6. 8
7. $\frac{6}{10}$, and $\frac{60}{100}$

Think. Answers will vary, e.g. 0.45 and 0.451 or 0.249 and 0.25.

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1. $2.83 \rightarrow 2.8 \rightarrow 3$
2. $7.51 \rightarrow 7.5 \rightarrow 8$
3. $5.32 \rightarrow 5.3 \rightarrow 5$
4. 0.06, 0.16, $\frac{1}{6}$, 0.62, $\frac{63}{100}$
5. 2.9 and 3.1
6. 4.5 and 4.65 correctly placed on the line.
7. $\frac{3}{10}$
8. $\frac{7}{10}$
9. $\frac{1}{8}$
10. $\frac{36}{100}$ or $\frac{9}{25}$
11. $\frac{271}{100}$
12. $\frac{313}{1000}$

Think. Answers will vary. The smallest possible difference is 0.001, e.g. 0.2 and 0.199 or 0.4 and 0.401

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1. 45 000
 2. 2650
 3. 270
 4. 0·7
 5. 970
 6. 4·73
 7. 87 200
 8. 14
 9. 1·8
 10. 261·5
 11. 0·64
 12. 13·7
- Think. 4

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1. 263·8
 2. 4720
 3. 91·7
 4. 163 520
 5. 2·64
 6. 29·6
 7. 0·82
 8. 7·285
 9. 619
 10. 932 700
 11. 35
 12. 85 400
 13. 0·287
 14. 165·82
 15. 7·81
 16. 46·03
 17. 4·3
 18. 82
 19. 1·5
 20. 158
- Think. True

Rounding numbers

Round these decimal numbers to the nearest tenth then to the nearest whole number:

1. 23.84 23.8 24

4. 10.856 10.9 11

2. 2.739 2.7 3

5. 54.087 54.1 54

3. 61.35 61.4 61

6. 19.45 19.5 19

Round these numbers to the nearest thousand:

7. 7489 7000

10. $842\,957$ $843\,000$

8. $29\,288$ $29\,000$

11. $603\,822$ $604\,000$

9. $76\,595$ $77\,000$

12. $350\,570$ $351\,000$

Round these numbers to the nearest million:

13. $3\,495\,997$ $3\,000\,000$

14. $7\,802\,130$ $8\,000\,000$

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1.

5452880	5452900	5453000	5450000
372560	372600	373000	370000
7408400	7408400	7408000	7410000
85720	85700	86000	90000
576060	576100	576000	580000

2.

17	16.6	16.57
29	28.9	28.91
2	1.7	1.70
35	34.6	34.57
12	12.0	12.05

3. Answers will vary.

Think. 3.49 and 3.50. They can have a difference of 0.01.