Working with Directed Numbers

Fill in the missing numbers on the number line.

-20 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 0 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 20

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
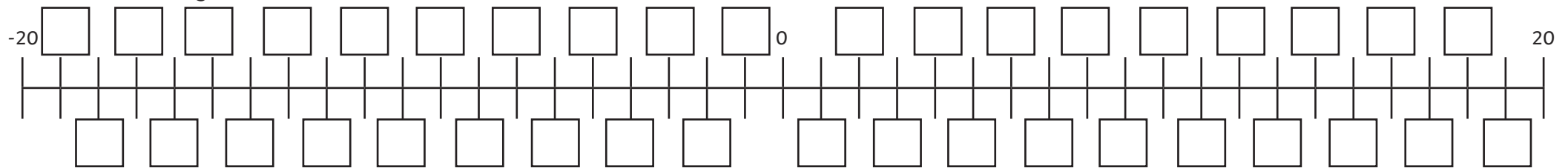
Use the number line to solve each problem.

-16 - _____ = -20   -11 + 12 = _____   -5 - _____ = -20

1 - _____ = -12   _____ - 8 = 0   1 - _____ = -9

_____ + 9 = -3   -3 - 17 = _____   _____ + 6 = -11

_____ - 4 = -9   -8 - _____ = -14   -7 - 5 = _____

Put the numbers below in order starting with the biggest.

-6, -9, 3, -11, 0, 2, 8 = _____, _____, _____, _____, _____, _____, _____

5, -2, -5, 4, 10, -15, -1 = _____, _____, _____, _____, _____, _____, _____

1, -2, 8, -9, -8, 12, -13 = _____, _____, _____, _____, _____, _____, _____

Put the numbers below in order starting with the smallest.

13, 12, 9, -16, -17, -5, 3 = _____, _____, _____, _____, _____, _____, _____

6, -2, 9, -10, -19, 18, 7 = _____, _____, _____, _____, _____, _____, _____

7, -9, 2, -3, 0, 1, -4 = _____, _____, _____, _____, _____, _____, _____

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Answers

-20 -19 -18 -17 -16 -15 -14 -13 -12 -11 -10 -9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
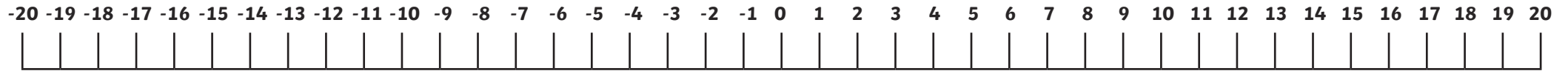
Use the number line to solve each problem.

-16 - **4** = -20   -11 + 12 = **1**   -5 - **15** = -20

1 - **13** = -12   **8** - 8 = 0   1 - **10** = -9

-12 + 9 = -3   -3 - 17 = **-20**   **-17** + 6 = -11

-5 - 4 = -9   -8 - **6** = -14   -7 - 5 = **-12**

Put the numbers below in order starting with the biggest.

8, 3, 2, 0, -6, -9, -11

10, 5, 4, -1, -2, -5, -15

12, 8, 1, -2, -8, -9, -13

Put the numbers below in order starting with the smallest.

-17, -16, -5, 3, 9, 12, 13

-19, -10, -2, 6, 7, 9, 18

-9, -4, -3, 0, 1, 2, 7