

Class Worksheet

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ANOTHER WS on Slide 11 if needed

1. Mark each integer on a number line.
 a) $+2$ b) -6 c) -3 d) $+8$
2. Use a positive or negative integer to represent each situation.
 - a) The water level rises 4 cm after a low tide.
 - b) The average temperature close to the South Pole is 50°C below 0°C .
 - c) You earned \$19 since yesterday.
 - d) The time is 11 s before blast-off.
 - e) You walk down 7 stairs.
 - f) You ride up 6 floors on an elevator.
 - g) The golfer took 3 strokes fewer than par.
3. Use question 2 as a model.
 Use each integer below to describe a situation.
 a) $+5$ b) -4 c) $+110$ d) -150

Activating Prior Knowledge: Unit 2

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4. Order the integers in each set from least to greatest.
 - a) $+5, -3, +4$ b) $0, +6, -6$ c) $+6, -6, +5, +3, -3$
 - d) $-8, +9, -10, +11, -12$ e) $0, +2, -3, +4, -6$ f) $-30, +25, -12, -5, +7$
5. Copy each statement. Use $<$ or $>$ to show which number in each pair is greater.
 Use a number line if it helps.
 - a) $+2 \square +8$ b) $0 \square -5$ c) $-7 \square 0$
 - d) $+250 \square -251$ e) $-100 \square -70$ f) $-361 \square -360$