

**LESSON** **Puzzles, Twisters & Teasers**  
**1-5** **Astronomical Numbers!**

Use the number lines to solve the equations.  
 Then answer the riddle.

**R**  $-7 - 8$  \_\_\_\_\_

A number line from -16 to 0 with tick marks every 1 unit. A horizontal arrow starts at -7 and points left to -14, labeled with -7.

**A**  $-2 - 9$  \_\_\_\_\_

A number line from -11 to 5 with tick marks every 1 unit. A horizontal arrow starts at -2 and points left to -4, labeled with -2.

**O**  $11 - (-6)$  \_\_\_\_\_

A number line from 0 to 17 with tick marks every 1 unit. A horizontal arrow starts at 0 and points right to 11, labeled with +11.

**T**  $-7 - (-4)$  \_\_\_\_\_

A number line from -11 to 5 with tick marks every 1 unit. A horizontal arrow starts at -7 and points left to -14, labeled with -7.

**E**  $-14 - 8$  \_\_\_\_\_

A number line from -24 to 8 with tick marks every 2 units. A horizontal arrow starts at -14 and points left to -28, labeled with -14.

**P**  $-8 - (-11)$  \_\_\_\_\_

A number line from -20 to 10 with tick marks every 2 units. A horizontal arrow starts at -8 and points left to -16, labeled with -8.

**N**  $9 - (-5)$  \_\_\_\_\_

A number line from 0 to 17 with tick marks every 1 unit. A horizontal arrow starts at 0 and points right to 9, labeled with +9.

**I**  $12 - (-7)$  \_\_\_\_\_

A number line from -2 to 30 with tick marks every 2 units. A horizontal arrow starts at 0 and points right to 12, labeled with +12.

Where do astronauts park their rockets?

\_\_\_\_\_ **K** \_\_\_\_\_ **G**  
 -11 -3 -11 3 -11 -15 19 14  
**M**  
 -22 -3 -22 17 -15

