Wernher von Braun
Mini Quiz Pack

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Key Terms

Answer each of the questions below.

1.   What is a gravity?

2.   What is a launch vehicle or booster?

3.   What is thrust?

4.   What is a propellant?

5.   What is escape velocity?

6.   What is orbital velocity?

7.   What is acceleration?

8.   What is an artificial satellite?

Von Braun's Contemporaries

During the time Wernher von Braun lived, there were many scientists and inventors making discoveries and expanding scientific knowledge that contributed to the development of rocketry. See if you can choose the correct scientist/inventor for each of the statements below by underlining the correct name.

1. This American professor is generally considered to be the "father of modern rocketry."

   Robert Goddard   Maxwell White Hunter   Walter Houser Brattain

2. This Romanian inventor, engineer, and pioneer in aviation invented an airplane developed on the jet-propulsion system.

   William Hayward Pickering   Sergey Pavlovich Korolyov   Henri-Marie Coanda

3. This American invented electronic circuits important in the development of rocketry.

   John Hays Hammond, Jr.   Glenn Hammond Curtiss   Walter Houser Brattain

4. This British inventor was one of the developers of the turbojet engine which powered the first jet plane in the United Kingdom.

   Jack Kilby   Frank Whittle   Martin Cooper

5. This German engineer worked with Wernher von Braun to perfect the rocket engine used in V-2 rockets.

   Walter Robert Dornberger   Henri-Marie Coanda   Samuel Kurtz Hoffman

6. This Russian rocket designer began to develop the ballistic missiles that led to the Soviet Union's first ICBM missile.

   Alexander M. Lippisch   Sergey Pavlovich Korolyov   Walter Robert Dornberger

7. This German-born American specialist in aerodynamics designed the first successful airplane propelled by rockets.

   Samuel Kurtz Hoffman   Sergey Pavlovich Korolyov   Alexander M. Lippisch

Set #1

$4x = 60$ $25y = 250$

Set #2

$16 + 17 + 42 + x = 105$ $(25 - 4) + 15 + y = 56$

Set #3

$62/2 + 25 = 11 + x$ $(33/11) - 1 + y = (66/2) - 1$

Set #4

$25 + 54 - 18 = x + 8/8$ $82 + 16 + y = 414/3$

Set #5

$225 + x = 4(100) - 100$ $25y = 1600 - 350$

Set #6

$75 + 60 = x + 45$ $375/5 = y + 15$

Set #7

$6(17) + 38 = x + 35$ $47 + 163 = 3y$