

Flight-Testing Newton's Laws

2007 Mathematics

Learning Results: Parameters for Essential Instruction

| Maine Mathematics | | | |
|--------------------------|--------------|------------------|--|
| Grades 9-12 | | | |
| Activity/Lesson | State | Standards | |
| Session-10 (1-5) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |
| Session-2 (1-10) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |
| Session-4 (1-11) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |
| Session-5 (1-6) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |
| Session-6 (1-8) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |
| Session-7 (1-5) | ME | MA.9-12.C.3.b | Use trigonometry to solve for missing lengths in right triangles. |
| Session-7 (1-5) | ME | MA.9-12.C.3.c | Use inverse trigonometric functions to find missing angles in right triangles. |
| Session-7 (1-5) | ME | MA.9-12.D.2.e | Apply the understanding that the solution(s) to equations of the form $f(x) = g(x)$ are the x-value(s) of the point(s) of intersection of the graphs of $f(x)$ and $g(x)$ and common outputs in table of values. |