```php
<?php $title = 'Sample Task';
$liblist = "[ 'zip', 'prepare_page', 'mathquill', 'mathquillcss' ]";
include_once 'header.php';
?>


<script src="/js/lib/parse_brackets5.part1.js"></script>
<script src="/js/lib/parse_brackets5.part2.js"></script>
<script>
  waitfor_mathquill_and_if_ready_then_do(function () {
    prepare_page();
  });
</script>
</head>

<body>
<h1><?php echo $title; ?></h1>
<h2>for later use in MediaWiki</h2>

            <p id="output">output</p>
            <!-- <p class="formula_applet" id="light-house-0">(r + h)^2 = r^2 + s^2
            \Rightarrow</p><br /> -->
            <p class="formula_applet" id="light-house" data-zip=
            'UEsDBAoAAAAAGeNOFFTGYHLAwAAAMAAAALAAAAY29udGVudC50eHQyaHJQSwECFAAKAAAAABnjThRUxmBy
            wMAAAADAAAACwAAAAAAAAAAAAAAAAAAAY29udGVudC50eHRQSwUGAAAAAAEAAQA5AAAALAAAAAA'>
            s=\sqrt{ h^2 + \MathQuillMathField{} }</p><br />
            <p class="formula_applet" id="binom_01">(2u + 7v)^2 = \MathQuillMathField{}</p><br />
            <p class="formula_applet" id="binom_02" data-zip=
            'UEsDBAoAAAAAABpEO1HIazOjBQAAAUAAAALAAAAY29udGVudC50eHQ0OXZeMlBLAQIUAAoAAAAAABpEO1HIa
            zOjBQAAAUAAAALAAAAAAAAAAAAAAAAAAABjb250ZW50LnR4dFBLBQYAAAAAAQABADkAAAuAAAAAAA='>
            (2u + 7v)^2 = 4u^2 + 28uv + \MathQuillMathField{}</p><br />
            <p class="formula_applet" id="fraction">\frac{13t^2 - 5t}{t} = \MathQuillMathField{}
            </p><br />
<hr>
<?php include_once 'uses_mathquill.php';?>

<?php include_once 'footer.php';?>
```