AILET

Questions for Practice on Number System and HCF LCM for CLAT

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Questions for Practice on Number System and HCF LCM for CLAT

.docxpressoPlugin { font-size: 83.35%; } .h5p_layout { box-sizing: content-box !important; } .h5p_layout *{ float: none; text-align: initial; box-sizing: border-box; } /*to make sure that floating elements are always inside the document bounds*/ .h5p_layout:after { content: " "; display: block; height: 0; clear: both; visibility: hidden; } /* a default layout for documents without maste styles */ .h5p_default_layout { margin-top: 3.6rem; margin-left: 8.50464rem; margin-bottom: 3.6rem; margin-right: 8.50464rem; writing-mode: lr-tb; } /*hack for IE */ wbr:after { content: "\00200B"; } /*hack to get some extra top margin for anchors if needed*/ .h5p_layout span[id^="_Toc"]{ padding-top: 10px; margin-top: -10px; } /* Remove unwanted numbering styles */ .h5p_layout .removeNumbering:before{ content: initial !important; display: none; all: initial !important; } /* give zero default top and bottom paddings for paragraphs*/ .h5p_layout p { color: #000000; line-height: 1; margin-top: 0; margin-bottom: 0; } .h5p_layout span { color: #000000; font-weight: normal; } .h5p_layout span.dropcap { color: inherit; font-family: inherit !important; } .h5p_layout h1, .h5p_layout h2, .h5p_layout h3, .h5p_layout h4, .h5p_layout h5, .h5p_layout h6 { margin-top: 0; margin-bottom: 0; font-family: inherit; font-weight: 500; line-height: 1; color: inherit; } /* give zero default top and bottom paddings for paragraphs in tables*/ .h5p_layout table p { margin-top: 0; margin-bottom: 0; } .h5p_layout ul, .h5p_layout ol { list-style-type: none; margin-top: 0; margin-bottom: 0.5em; padding-left: 0; } .h5p_layout ul li, .h5p_layout ol li { list-style-type: none; margin-top: 0; margin-bottom: 0.5em; } .h5p_layout li p { margin-top: 0; margin-bottom: 0; } .h5p_layout table { border: none; } .h5p_layout td { vertical-align: top; border: none; } .h5p_layout th { vertical-align: top; border: none; } .h5p_layout div { margin-bottom: 10pt; } .h5p_layout img { margin: 0; padding: 0; } .h5p_layout ul ul { margin-top: 0; margin-bottom: 0; } .h5p_layout li { margin-top: 0; margin-bottom: 0; list-style-type: none !important; } .h5p_layout ul, .h5p_layout ol { list-style-type: none !important; } .h5p_layout td[data-sorting] p:before, .h5p_layout th[data-sorting] p:before { content: ' '; padding-right: 16px; background: url(

background-position: left center; background-repeat: no-repeat; } .sortDecorator { border-bottom: 3px solid #b70000 !important; } /* This is a spacial class designed to remove unwanted bullets when a li has ul as its first child*/ .h5p_layout .removeBullet:before { content: none !important; } /*responsive tables*/ .h5p_layout div.dxoResponsiveTable{ margin: 0 !important; padding: 0 !important; overflow-x: auto !important; overflow-y: hidden; } /* chart tooltips */ .c3-tooltip-container td.name { white-space: nowrap; } /* External services*/ .h5p_layout iframe { resize: vertical; border: 1px solid #fff; } .h5p_layout div.youtube { position:relative; padding-bottom:56.25%; height:0; overflow:hidden; background-color: transparent; } .h5p_layout div.youtube iframe { resize: none; position:absolute; top:0; left:0; width:100%; height:100%; } div#h5p_6a7c0941de2e3 ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 ul {counter-reset: ulLFO1_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li:before {counter-increment: ulLFO1_1;content: counter(ulLFO1_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul {counter-reset: ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li:before {counter-increment: ulLFO1_2;content: counter(ulLFO1_2, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li {text-indent: -0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li:before {counter-increment: ulLFO1_3;content: counter(ulLFO1_3, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul ul {counter-reset: ulLFO1_5;margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li:before {counter-increment: ulLFO1_4;content: counter(ulLFO1_4, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul ul ul {counter-reset: ulLFO1_6;margin-left: -2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li:before {counter-increment: ulLFO1_5;content: counter(ulLFO1_5, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul

ul ul ul {counter-reset: ulLFO1_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 216pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_6;content: counter(ulLFO1_6, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul ul ul ul ul {counter-reset: ulLFO1_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 252pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_7;content: counter(ulLFO1_7, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul ul ul ul ul ul {counter-reset: ulLFO1_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 288pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_8;content: counter(ulLFO1_8, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO1 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO1_10;margin-left: -4.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 324pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO1 li ul li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO1_9;content: counter(ulLFO1_9, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 {counter-reset: ulLFO2_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 ul {counter-reset: ulLFO2_2;margin-left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li {text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li:before {counter-increment: ulLFO2_1;content: counter(ulLFO2_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul {counter-reset: ulLFO2_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li:before {counter-increment: ulLFO2_2;content: counter(ulLFO2_2, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul {counter-reset: ulLFO2_4;margin-left: -1.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li {text-indent: -0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li:before {counter-increment:

ulLFO2_3;content: counter(ulLFO2_3, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul {counter-reset: ulLFO2_5;margin-left: -1.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li:before {counter-increment: ulLFO2_4;content: counter(ulLFO2_4, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul ul {counter-reset: ulLFO2_6;margin-left: -2.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li:before {counter-increment: ulLFO2_5;content: counter(ulLFO2_5, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul ul ul {counter-reset: ulLFO2_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 216pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_6;content: counter(ulLFO2_6, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul ul ul ul {counter-reset: ulLFO2_8;margin-left: -3.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 252pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_7;content: counter(ulLFO2_7, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_9;margin-left: -3.75in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 288pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_8;content: counter(ulLFO2_8, lower-latin) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0941de2e3 ul.LFO2 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_10;margin-left: -4.375in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 324pt;font-size: 11pt;} div#h5p_6a7c0941de2e3 ul.LFO2 li ul li ul li ul li ul li ul li ul li ul li ul li:before {counter-increment: ulLFO2_9;content: counter(ulLFO2_9, lower-roman) ". ";margin-left: -0.125in;display: table-cell;} div#h5p_6a7c0941de2e3 p.P1 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #4F81BD !important;border-right: none !important;padding-top: 0in !important;padding-left: 0in !important;padding-bottom: 0.0555in

!important;padding-right: 0in !important;margin-bottom: 0.2083in !important;line-height: 1 !important;break-before: page !important;text-align: center !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P1 span {hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c0941de2e3 p.P2 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T3 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T4 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T5 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T6 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T7 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T8 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P9 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P9 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P10 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P10 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P11 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P11 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P12 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T13 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T14 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P15 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P15 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P16 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P16 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P17 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P17 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P18 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T19 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T20 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T21 {font-family: Times New Roman

!important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T22 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T23 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P24 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P24 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P25 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P25 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P26 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T27 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T28 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T29 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T30 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T31 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T32 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T33 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P34 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P34 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P35 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P35 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P36 {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #4F81BD !important;border-right: none !important;padding-top: 0in !important;padding-left: 0in !important;padding-bottom: 0.0555in !important;padding-right: 0in !important;margin-bottom: 0.2083in !important;line-height: 1 !important;text-align: center !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P36 span {hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;font-weight: bold;} div#h5p_6a7c0941de2e3 p.P37 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P37 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P38 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T39 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T40 {font-family: Times New Roman

!important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P41 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P41 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P42 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T43 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T44 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P45 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 5in !important;text-indent: 0.5in !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P45 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P46 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T47 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T48 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T49 {font-family: Times New Roman !important;vertical-align: super; font-size: 63.6% !important;} div#h5p_6a7c0941de2e3 span.T50 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P51 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P51 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P52 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T53 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T54 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P55 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 5in !important;text-indent: 0.5in !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P55 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P56 {text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T57 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T58 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T59 {font-family: Times New Roman !important;vertical-align: super; font-size: 63.6% !important;} div#h5p_6a7c0941de2e3 span.T60 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P61 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P61 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P62 {margin-left: 0.5in !important;text-align: justify

!important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T63 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T64 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T65 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P66 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P66 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P67 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T68 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T69 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P70 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P70 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P71 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T72 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T73 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P74 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P74 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P75 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P75 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P76 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P76 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P77 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T78 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T79 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T80 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P81 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P81 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P82 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P82 span {hyphenate: false;hyphenate: false;font-family:

Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P83 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P83 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P84 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P84 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P85 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P85 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P86 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P86 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P87 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P87 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P88 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T89 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T90 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P91 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P91 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P92 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T93 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T94 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P95 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P95 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P96 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P96 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P97 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P97 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P98 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P98 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 11pt;} div#h5p_6a7c0941de2e3

p.P99 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P99 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P100 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T101 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T102 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T103 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T104 {font-family: Times New Roman !important;vertical-align: super; font-size: 63.6% !important;} div#h5p_6a7c0941de2e3 span.T105 {font-family: Times New Roman !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P106 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.T107 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.Normal {font-size: 11pt;} div#h5p_6a7c0941de2e3 p.Normal span {hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 span.DefaultParagraphFont {font-size: 11pt;} div#h5p_6a7c0941de2e3 p.ListParagraph {margin-left: 0.5in !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.ListParagraph span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.Title {border-top: none !important;border-left: none !important;border-bottom: 0.0138in solid #4F81BD !important;border-right: none !important;padding-top: 0in !important;padding-left: 0in !important;padding-bottom: 0.0555in !important;padding-right: 0in !important;margin-bottom: 0.2083in !important;line-height: 1 !important;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.Title span {hyphenate: false;font-family: Cambria;color: #17365D;letter-spacing: 0.0034in;font-size: 26pt;hyphenate: false;} div#h5p_6a7c0941de2e3 span.TitleChar {font-family: Cambria !important;color: #17365D !important;letter-spacing: 0.0034in !important;font-size: 26pt !important;} div#h5p_6a7c0941de2e3 div {font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P2 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P12 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P18 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P26 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P46 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P56 span {hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P38 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3

p.P42 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P52 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P62 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P67 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P71 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P77 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P88 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P92 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P100 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 p.P106 span {hyphenate: false;hyphenate: false;hyphenate: false;hyphenate: false;font-size: 11pt;} div#h5p_6a7c0941de2e3 table {margin-left: 0in;border-collapse: collapse;writing-mode: lr-tb;font-size: 11pt;} div#h5p_6a7c0941de2e3 table tr {height: 0in;keep-together: auto;font-size: 11pt;} div#h5p_6a7c0941de2e3 table td, table th {background-color: transparent;vertical-align: top;wrap-option: wrap;font-size: 11pt;} div#h5p_6a7c0941de2e3 p {keep-with-next: auto;keep-together: auto;widows: 2;orphans: 2;break-before: auto;border: none;text-align: left;writing-mode: lr-tb;margin-bottom: 0.1388in;line-height: 1.15;background-color: transparent;font-size: 11pt;} div#h5p_6a7c0941de2e3 p span {font-family: Calibri;font-weight: normal;font-style: normal;text-transform: none;font-variant: normal;text-shadow: none;letter-spacing: normal;font-size: 11pt;background-color: transparent;text-decoration: none;text-decoration-color: font-color;language: en;country: US;hyphenate: true;}

Questions for Practice on Number System and HCF LCM for CLATDirections for Question 1-3: Aman and Raman met at Noida city Centre after a long time. Aman resides at Vaishali while Raman lives in Saket. They decided to take bus for their homes from the bus stop, but when they reached the bus stop their buses had just left for respective destinations. Both of them don’t want to leave the other one alone at the bus stop hence they decided to board the buses to their respective destinations simultaneously. If the frequency of buses from Noida City Centre Bus stop to Vaishali is in every 11 minutes and from the same bus stop to Saket is every 13 minutes, Answer the following questions.How long they would need to wait at the bus stop?How many buses Aman would not board till he gets a simultaneous bus as Saket?How many buses Raman would not board till he gets a simultaneous bus as Vaishali?Directions for Question 4-6: The

number of students who opted for Industry training A B and C are 108, 192 and 84 respectively. Post training Test is to be conducted for the students such that only the students with same training are allowed to sit in one room. Also the number of students in each room must be same. Answer the questions based on this information.How many students can be seated in one room as per given conditions of the question?How many rooms are required for students of training A?How many rooms are required for students of training B and C together?Question 7-8: Joe multiplied two numbers and he mistakenly assumed one number to be 43 instead of 34. Because of this mistake the product went up by 450. . What is the wrong product that he calculated?In the previous question what was the original product? Question 9-10: In an examination, a student was asked to find 7/18 of a number, by mistake he calculated 11/30 of the given number, which turned out to be 40 less than what it should have been.What was the given number?What should have been the original product?Answers and Solutions**Ans: 143 minutes** Sol: As bus for Vaishali leaves in every 11 min while bus for Saket leaves every 13 min, and both the numbers are co-prime, the earliest they can leave is the LCM of these two numbers i.e., 11*13 minutes = 143 minutes.**Ans: 12 buses**Sol: Total number of buses that would leave Noida bus stop for Vaishali in 143 minutes= 143/11 = 13, Hence Aman would board 13th bus, i.e., he will leave 12 buses on purpose.**Ans: 10 buses**Sol: Total number of buses that would leave Noida bus stop for Vaishali in 143 minutes= 143/13 = 11, Hence Raman would board 11th bus, i.e., he will leave 10 buses on purpose.**Ans: 12**Sol: There are 2 criteria's given in question, first is equal number of students in each room and second is only same training student in one room. For the first condition, we will need to find HCF of 108, 192 and 84, i.e., 12.**Ans: 9**Sol: Rooms Required for Training A student = 108/12 = 9 **Ans: 25**Sol: Rooms required for Training B students = 192/12 = 17 Rooms required for Training C students = 84/12 = 8Together training B and C student will require 17+8 rooms, i.e., 25**Ans: 450** Sol: Let the number that was originally multiplied with wrong number 43 be N.Hence wrong product = N*43Correct Product = N*34Given, Wrong Product – Correct Product = 450N(43-34) = 450N = 450/9 = 50Wrong Product = 50*43 = 2150**Ans: 1700**
Sol: Original Product =50*34 = 1700**Ans: 1800**Sol: Let the given number be N. As the new product is 40 less than original product, we can make the equation as follows,New product +40 = Original product (N*11/30) + 40 = N*7/18N = 40/[7/18 – 11/30]N = 40/ [(70-66)/180] = 1800**Ans: 700**Sol: As the given number is 1800, the original product would be 7/18th of 1800 i.e., 7*1800/18 = 7*100 = 700 (function($) { //footnotes $('.defaultNote').children(":first").css('cursor', 'pointer'); $('.defaultNote').children(":first").click(function(){ var gotoID = '#' + $(this).parent().attr('id'); $('html, body').animate({ scrollTop: $('a[href="' + gotoID + '"]').offset().top - 60, }, 250, 'linear')

}); }(jQuery)); var numFormat = ",."; (function($) { "use strict"; //do some cleaning on load var sortCells = $('td[data-sorting], th[data-sorting]'); sortCells.each(function(){ var first = $(this).text().trim().charAt(0); if (first == '@'){ var oldHTML = $(this).html(); var newHTML = oldHTML.replace('@', ''); $(this).html(newHTML); } }); function sortingTable(node, pos, ordBy){ var rows = node.children('tbody').children('tr').get(); rows.sort(function(a, b) { var X = $(a).children('td').eq(pos).text().toUpperCase(); var Y = $(b).children('td').eq(pos).text().toUpperCase(); if (numFormat != '.,'){ //we are dealing with a different locale and we need to do some //transformation in numbers X = convert2number(X); Y = convert2number(Y); } else { X = X.replace(/,/g, '').replace(/ /g, ''); Y = Y.replace(/,/g, '').replace(/ /g, ''); } var currencies = ['$', '¥', '£', '€']; var arrayLength = currencies.length; var XX = X; var YY = Y; for (var i = 0; i < arrayLength; i++) { XX = XX.replace(currencies[i], ''); YY = YY.replace(currencies[i], ''); } if (!isNaN(XX) && !isNaN(YY)){ var floatXX = parseFloat(XX); var floatYY = parseFloat(YY); return -(floatYY-floatXX) * ordBy; } else if (!isNaN(XX) && isNaN(YY)){ return -1 * ordBy; } else if (isNaN(XX) && !isNaN(YY)){ return ordBy; } else { if(X < Y) { return -1 * ordBy; } if(X > Y) { return 1 * ordBy; } return 0; } }); $.each(rows, function(index, row) { node.children('tbody').append(row); }); } function removeTableCellDecoration() { $("td[data-sorting], th[data-sorting]").removeClass('sortDecorator'); } //unbind the click event just in case we are loading more than one document $("td[data-sorting], th[data-sorting]").off('click'); $("td[data-sorting], th[data-sorting]").click(function(){ removeTableCellDecoration(); $(this).addClass('sortDecorator'); //get desired ordering var ordering = $(this).attr('data-sortOrdering'); if (ordering == 'ASC'){ var ordBy = -1; $(this).attr('data-sortOrdering', 'DESC'); } else { var ordBy = 1; $(this).attr('data-sortOrdering', 'ASC'); } var cellPosition = $(this).prevAll().length; var table = $(this).parents('table:first'); sortingTable(table, cellPosition, ordBy); }); function convert2number(str) { str = str.trim(); if (str.match(/^\d+/)) { //we have to take special care when the thousand separators are '.' var result_0 = str.replace(/\./g, '_@_'); var result_1 = result_0.replace(window.numFormat[0], '.'); var result = result_1.replace(/_@_/g, ''); result .replace(/ /g, ''); return result; } else { return str; } } }(jQuery));

Read the theory on Simple and Compound Interest here.

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