

Practice Paper on Percentages for CLAT 2020

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Practice Paper on Percentages for CLAT 2020

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.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:
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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_6a7c0df050aed ul.LFO1 {counter-reset: ulLFO1_1;margin-left: 0;padding: 0; list-style-
type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO1 ul {counter-reset: ulLFO1_2;margin-
left: -0.25in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO1 li
{text-indent: -0.25in;margin-left: 36pt;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO1 li:before
{counter-increment: ulLFO1_1;content: counter(ulLFO1_1, decimal) ". ";margin-left: -
0.25in;display: table-cell;} div#h5p_6a7c0df050aed ul.LFO1 ul ul {counter-reset:
ulLFO1_3;margin-left: -0.75in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c0df050aed ul.LFO1 li ul li {text-indent: -0.25in;margin-left: 72pt;font-size: 11pt;}
div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO1 ul ul ul {counter-reset: ulLFO1_4;margin-left: -1.375in;padding:
0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO1 li ul li ul li {text-indent: -
0.125in;margin-left: 108pt;font-size: 11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed ul.LFO1 li ul li ul li ul li {text-indent: -0.25in;margin-left: 144pt;font-size:
11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed ul.LFO1 li ul li ul
li ul li ul li {text-indent: -0.25in;margin-left: 180pt;font-size: 11pt;} div#h5p_6a7c0df050aed
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_6a7c0df050aed ul.LFO1 ul ul ul
ul ul ul {counter-reset: ulLFO1_7;margin-left: -2.875in;padding: 0; list-style-type: none;font-size:
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11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed ul.LFO1 li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 252pt;font-size: 11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed 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_6a7c0df050aed ul.LFO1 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_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 {counter-reset: ulLFO2_1;margin-left: 0;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 ul {counter-reset: ulLFO2_2;margin-left: -0.5416in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li {text-indent: -0.25in;margin-left: 56.9952pt;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li:before {counter-increment: ulLFO2_1;content: counter(ulLFO2_1, decimal) ". ";margin-left: -0.25in;display: table-cell;} div#h5p_6a7c0df050aed ul.LFO2 ul ul {counter-reset: ulLFO2_3;margin-left: -1.0416in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li {text-indent: -0.25in;margin-left: 92.9952pt;font-size: 11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul {counter-reset: ulLFO2_4;margin-left: -1.6666in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li ul li {text-indent: -0.125in;margin-left: 128.9952pt;font-size: 11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul ul
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{counter-reset: ulLFO2_5;margin-left: -2.0416in;padding: 0; list-style-type: none;font-size: 11pt;}
div#h5p_6a7c0df050aed ul.LFO2 li ul li ul li ul li {text-indent: -0.25in;margin-left:
164.9952pt;font-size: 11pt;} div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul ul ul {counter-reset: ulLFO2_6;margin-left: -
2.5416in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li
ul li ul li ul li {text-indent: -0.25in;margin-left: 200.9952pt;font-size: 11pt;}
div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul ul ul ul {counter-reset: ulLFO2_7;margin-left: -
3.1666in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li
ul li ul li ul li ul li {text-indent: -0.125in;margin-left: 236.9952pt;font-size: 11pt;}
div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul ul ul ul ul {counter-reset: ulLFO2_8;margin-left: -
3.5416in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li
ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 272.9952pt;font-size: 11pt;}
div#h5p_6a7c0df050aed 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_6a7c0df050aed ul.LFO2 ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_9;margin-left: -
4.0416in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed ul.LFO2 li ul li
ul li ul li ul li ul li ul li ul li {text-indent: -0.25in;margin-left: 308.9952pt;font-size: 11pt;}
div#h5p_6a7c0df050aed ul.LFO2 li ul 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_6a7c0df050aed ul.LFO2 ul ul ul ul ul ul ul ul ul {counter-reset: ulLFO2_10;margin-left: -
4.6666in;padding: 0; list-style-type: none;font-size: 11pt;} div#h5p_6a7c0df050aed 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: 344.9952pt;font-size: 11pt;}
div#h5p_6a7c0df050aed ul.LFO2 li ul 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_6a7c0df050aed p.P1 {margin-left: 0.5in !important;break-before: page !important;text-
align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P1 span {hyphenate:
false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed
p.P2 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;}
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div#h5p_6a7c0df050aed span.T3 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T4 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P5 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T6 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P7 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T8 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P9 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T10 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P11 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T12 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P13 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T14 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P15 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T16 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P17 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T18 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P19 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T20 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P21 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P21 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P22 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.5416in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P22 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 14pt;} div#h5p_6a7c0df050aed p.P23 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P23 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P24 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T25 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T26 {font-family: Times New Roman !important;font-

size: 12pt !important;} div#h5p_6a7c0df050aed p.P27 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P27 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P28 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P28 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P29 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P29 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P30 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P30 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P31 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P31 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P32 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T33 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T34 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P35 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T36 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T37 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T38 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P39 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P39 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P40 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P40 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P41 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P41 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P42 {margin-left:

0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}
div#h5p_6a7c0df050aed span.T43 {font-family: Times New Roman !important;font-weight: bold
!important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T44 {font-family: Times
New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P45 {margin-left:
0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;}
div#h5p_6a7c0df050aed p.P45 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P46 {margin-left: 0.5in !important;text-align:
justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P46
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P47 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P47 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P48 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P48 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P49 {margin-left: 0.5in !important;text-align: justify
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{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P51 {margin-left: 0.5in !important;text-align: justify
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{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P52 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P52 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P53 {margin-left: 0.5in !important;text-align: justify
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{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P54 {margin-left: 0.5in !important;text-align: justify !important;font-
size: 11pt;} div#h5p_6a7c0df050aed p.P54 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P55 {margin-left:

0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}

div#h5p_6a7c0df050aed span.T56 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T57 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P58 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;}

div#h5p_6a7c0df050aed p.P58 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P59 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P59 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}

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div#h5p_6a7c0df050aed p.P61 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P61 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}

div#h5p_6a7c0df050aed p.P62 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P62 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P63 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}

div#h5p_6a7c0df050aed span.T64 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T65 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P66 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}

div#h5p_6a7c0df050aed span.T67 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T68 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;}

div#h5p_6a7c0df050aed span.T69 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T70 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T71 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T72 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P73 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}

div#h5p_6a7c0df050aed p.P73 span {hyphenate: false;hyphenate: false;font-family: Times New

Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P74 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P74 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P75 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P75 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P76 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P76 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P77 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P77 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P78 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P78 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P79 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P79 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P80 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P80 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P81 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T82 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P83 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P83 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P84 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T85 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T86 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P87 {margin-left: 0.5in !important;text-align:

justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P87 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P88 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P88 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P89 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P89 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P90 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P90 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P91 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P91 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P92 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P92 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P93 {margin-left: 0.5in !important;text-align: justify !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T94 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P95 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed span.T96 {font-family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T97 {font-family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P98 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P98 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P99 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P99 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P100 {margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P100 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P101 {margin-left: 0.5in !important;text-align: justify

!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P101
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P102
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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size: 11pt;} div#h5p_6a7c0df050aed p.P106 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P107 {margin-
left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size:
11pt;} div#h5p_6a7c0df050aed span.T108 {font-family: Times New Roman !important;font-
weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T109 {font-
family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P110
{margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-
size: 11pt;} div#h5p_6a7c0df050aed span.T111 {font-family: Times New Roman !important;font-
weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T112 {font-
family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;}
div#h5p_6a7c0df050aed span.T113 {font-family: Times New Roman !important;font-size: 12pt
!important;} div#h5p_6a7c0df050aed p.P114 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P114
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P115 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P115
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P116 {margin-left: 0.5in !important;text-align: justify

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!important;margin-left: 1.2916in !important;text-indent: 0.2083in !important;font-size: 11pt;}
div#h5p_6a7c0df050aed p.P116 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P117 {margin-left: 0.5in !important;text-align:
justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P117
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P118 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P118 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P119 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P119 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P120 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P120 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P121 {margin-left: 0.5in !important;text-align: justify !important;font-
size: 11pt;} div#h5p_6a7c0df050aed p.P121 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P122 {margin-
left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size:
11pt;} div#h5p_6a7c0df050aed span.T123 {font-family: Times New Roman !important;font-
weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T124 {font-
family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P125
{margin-left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-
size: 11pt;} div#h5p_6a7c0df050aed span.T126 {font-family: Times New Roman !important;font-
weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T127 {font-
family: Times New Roman !important;font-weight: bold !important;font-size: 12pt !important;}
div#h5p_6a7c0df050aed span.T128 {font-family: Times New Roman !important;font-size: 12pt
!important;} div#h5p_6a7c0df050aed span.T129 {font-family: Times New Roman !important;font-
size: 12pt !important;} div#h5p_6a7c0df050aed span.T130 {font-family: Times New Roman
!important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P131 {margin-left: 0.5in
!important;text-align: justify !important;margin-left: 0.7916in !important;font-size: 11pt;}
div#h5p_6a7c0df050aed p.P131 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P132 {margin-left: 0.5in !important;text-align:
justify !important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed
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p.P132 span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
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!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P133
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P134 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P134
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P135 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 0.7916in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P135
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P136 {margin-left: 0.5in !important;text-align: justify !important;font-
size: 11pt;} div#h5p_6a7c0df050aed p.P136 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-weight: bold;font-size: 12pt;} div#h5p_6a7c0df050aed p.P137 {margin-
left: 0.5in !important;text-align: justify !important;margin-left: 0.7916in !important;font-size:
11pt;} div#h5p_6a7c0df050aed span.T138 {font-family: Times New Roman !important;font-
weight: bold !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed span.T139 {font-
family: Times New Roman !important;font-size: 12pt !important;} div#h5p_6a7c0df050aed p.P140
{margin-left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size:
11pt;} div#h5p_6a7c0df050aed p.P140 span {hyphenate: false;hyphenate: false;font-family:
Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P141 {margin-left: 0.5in
!important;text-align: justify !important;margin-left: 2.5in !important;text-indent: 0.5in
!important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P141 span {hyphenate: false;hyphenate:
false;font-family: Times New Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P142 {margin-
left: 0.5in !important;text-align: justify !important;margin-left: 1.5in !important;font-size: 11pt;}
div#h5p_6a7c0df050aed p.P142 span {hyphenate: false;hyphenate: false;font-family: Times New
Roman;font-size: 12pt;} div#h5p_6a7c0df050aed p.P143 {margin-left: 0.5in !important;text-align:
justify !important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P143
span {hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P144 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P144 span
{hyphenate: false;hyphenate: false;font-family: Times New Roman;font-size: 12pt;}
div#h5p_6a7c0df050aed p.P145 {margin-left: 0.5in !important;text-align: justify
!important;margin-left: 1.5in !important;font-size: 11pt;} div#h5p_6a7c0df050aed p.P145 span

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A student needs 40% marks to pass the exam, but he scored 178 marks and failed by 22 marks. What is the maximum marks of the exam?There are 280 students in a school out of which 65% of

students are boys. Find the number of girls and boys in school. A man spends 25% of the money he had, then Rs. 175 of the remaining and then again spends 10% of the remainder. After all the spending he is left with Rs. 5850. If the present population of a town is 5500 and it is increasing every year at the rate of 10%. Find the population of the town after 3 years. If the price of rice decreased by 25% then Ram can buy 4 more kgs for Rs. 100. Find the new price of rice. If 18% of one number is 27% of the other number. Difference between the two numbers is 1850. Find the numbers. During 2018, the population of the town increased by 5% and in 2019 the population decreased by 5%. At the end of 2019, the population of the town was 9975. Find the total population of the town at the beginning of 2018. If Sneha scored 30% in her first science exam out of 150, then how much per cent she must score in her second exam out of 180 to score 50% overall marks. If the numerator of a fraction is increased by 5% and the denominator is decreased by 10%, then the fraction becomes $\frac{5}{2}$. Find the original fraction. Mohan's monthly income is Rs. 16000 and his expenditure is Rs. 13500. In the upcoming month, his income increased by 15% while his expenses increased by 9%. Find the increase in his savings. **Answers and Solutions**

Ans: 500
Solution: Let maximum marks be x , hence passing marks would be $\frac{40x}{100} = \frac{2x}{5}$ He scored 178 and needed 22 marks to pass the exam hence passing marks would be $= 178 + 22 = 200$
Equating above equations we get, $\frac{2x}{5} = 200$ $x = 500$

Ans: Boys- 182 and girls- 98
Solution: Total no. of students = 280 As boys percentage is 65%, No. of boys = $280 \times \frac{65}{100} = 182$
No of girls = $280 - 182 = 98$

Ans: Rs. 8900
Solution: Let take the initial amount of money that man had with him to be x . As his first spending was 25% of the initial amount, then remaining money would be $(1 - \frac{25}{100})x = 0.75x$ Now the second spending was Rs. 175 of the remaining amount of $0.75x$, Therefore remainder after this spending would be $0.75x - 175$ His third spending was of 10% of the remainder, therefore remaining amount will be 90% of $0.75x - 175$ i.e., $0.9(0.75x - 175)$ As given in question the amount left with the man is Rs. 5850, thus we can equate the equation;
 $0.9(0.75x - 175) = 5850$
 $0.75x - 175 = \frac{5850}{0.9}$
 $0.75x = \frac{6675}{0.75}$
 $x = 8900$

Ans: 6655
Solution: Present population is 5000 In the first year the population increase by 10%, therefore new population would become $5000(1 + \frac{10}{100}) = 5000 \times \frac{11}{10}$. In the second year again the increase is of 10%, therefore again the new population would become $5000 \times \frac{11}{10} (1 + \frac{10}{100}) = 5000 \times \frac{11}{10} \times \frac{11}{10}$ Similarly, for the third-year population would be $5000 \times \frac{11}{10} \times \frac{11}{10} \times \frac{11}{10} = 6655$

Ans: Rs. 6.25
Solution: Let price be P and Quantity be Q Then Expenditure, $E = P \times Q = 100$ (i)
As per Question, If price is reduced by 25% then consumption quantity increases by 4 kgs, therefore $E = (P(100 - 25)/100) \times (Q + 4)$ $P \times Q = (P(100 - 25)/100) \times (Q + 4)$ (from eq (i)) $Q = 0.75(Q + 4)$
 $0.25Q = 0.75 \times 4$
 $Q = 12$ kg
 $P = 100/12$ As the new price reduced 25% of original price, we

can take 75% of original price to be new one
 $\text{New Price} = (100/12) * 75/100 = \text{Rs. } 6.25$
Ans: 5550 and 3700
Solution: Let the two numbers be a and b
 $18\% \text{ of } a = 27\% \text{ of } b$
 $18a/100 = 27b/100$
 $18a = 27b \Rightarrow 2a = 3b \Rightarrow a = 3b/2$
 Difference between the two numbers is 1850, therefore $a - b = 1850$
 $3b/2 - b = 1850 \Rightarrow b/2 = 1850 \Rightarrow b = 3700$
 $a = 5550$
Ans: 10000
Solution: Let the population at the beginning of 2018 be x.
 Increment of 5% = $x(1 + 5/100)$
 Decrement of 5% = $x(1 + 5/100)(1 - 5/100)$
 Population at the end of 2019 = $x(1 + 5/100)(1 - 5/100) = 9975$
 $x(1 + 5/100)(1 - 5/100) = 9975$
 $x(105/100)(95/100) = 9975$
 $x = 9975 * 10000 / (95 * 105)$
 $x = 10000$
Ans: 66.66%
Solution: In first paper he scored 30% out of 150 i.e., $30 * 150 / 100 = 45$
 Let p be the per cent of marks Sneha must score in her second paper.
 Total marks = $150 + 180 = 330$
 She must score 50% of total marks to pass the exam, i.e., $330 * 1/2 = 165$
 As he must score p% out of 180 in addition with 45 marks of the first exam, hence the equation becomes
 $45 + p * 180 / 100 = 165$
 $p * 18 / 10 = 120$
 $p = 1200 / 18 = 66.66\%$
Ans: 15/7
Solution: Let numerator be n and denominator be d.
 Numerator increased by 5% = $n(1 + 5/100)$
 Denominator decreased by 10% = $d(1 - 10/100)$
 New fraction = $5/2$
 $[n(105/100)]/[d(9/10)] = 5/2$
 $105n/90d = 5/2$
 $n/d = 450/210 = 15/7$
Ans: 30.33%
Solution: Mohan's income increased by 15%, therefore new income would be = $16000 * (1 + 15/100) = 16000 * 1.15 = 18400$
 His Expenses increased by 9%, Therefore new expenses would be = $11500 * (1 + 9/100)$
 $= 11500 * 1.09 = 12535$
 His previous savings = $16000 - 11500 = 4500$
 His new savings = $18400 - 12535 = 5865$
 The percentage increase of his savings, here change in savings would go in the numerator and we will keep his previous saving in the denominator as it is the base for percentage change,
 $= (5865 - 4500) * 100 / 4500 = 1365 / 45 = 30.33\%$
`(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, orderBy){
 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));
```

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[To see the official syllabus of CLAT click here.](#)