

MATH (RRB) (05 MARCH 2019)

IMPORTANT FRACTIONAL VALUES

$1 = 100\%$	$\frac{1}{8} = 12\frac{1}{2}\%$	$\frac{1}{16} = 6\frac{1}{4}\%$
$\frac{1}{2} = 50\%$	$\frac{1}{9} = 11\frac{1}{9}\%$	$\frac{1}{20} = 5\%$
$\frac{1}{3} = 33\frac{1}{3}\%$	$\frac{1}{10} = 10\%$	$\frac{1}{25} = 4\%$
$\frac{1}{4} = 25\%$	$\frac{1}{11} = 9\frac{1}{11}\%$	$\frac{1}{30} = 3\frac{1}{3}\%$
$\frac{1}{5} = 20\%$	$\frac{1}{12} = 8\frac{1}{3}\%$	$\frac{1}{50} = 2\%$
$\frac{1}{6} = 16\frac{2}{3}\%$	$\frac{1}{15} = 6\frac{2}{3}\%$	$2 = 200\%$
$\frac{1}{7} = 14\frac{2}{7}\%$		

IMPORTANT FRACTIONAL VALUES

F.V=P.V	F.V=P.V	F.V=P.V
$\frac{2}{3} = 66\frac{2}{3}\%$	$\frac{5}{6} = 83\frac{1}{3}\%$	$\frac{7}{10} = 70\%$
$\frac{3}{4} = 75\%$	$\frac{2}{7} = 28\frac{4}{7}\%$	$\frac{9}{10} = 90\%$
$\frac{2}{5} = 40\%$	$\frac{7}{8} = 87\frac{1}{2}\%$	$\frac{5}{4} = 125\%$
$\frac{3}{5} = 60\%$	$\frac{8}{9} = 88\frac{8}{9}\%$	$\frac{6}{5} = 120\%$
$\frac{4}{5} = 80\%$	$\frac{3}{10} = 30\%$	$\frac{3}{2} = 150\%$

GROUP-1

$12.5\% = \frac{1}{8}$	$62.5\% = \frac{5}{8}$
$25\% = \frac{1}{4}$	$75\% = \frac{3}{4}$
$37.5\% = \frac{3}{8}$	$87.5\% = \frac{7}{8}$
$50\% = \frac{1}{2}$	

GROUP-2

$14.28\% = 14\frac{2}{7}\% = \frac{1}{7}$	
$28.56\% = 28\frac{4}{7}\% = \frac{2}{7}$	$71.42\% = 71\frac{3}{7}\% = \frac{5}{7}$
$42.86\% = 42\frac{6}{7}\% = \frac{3}{7}$	$85.71\% = 85\frac{5}{7}\% = \frac{6}{7}$
$57.14\% = 57\frac{1}{7}\% = \frac{4}{7}$	

GROUP-3

$9.09\% = 9\frac{1}{11}\% = \frac{1}{11}$	$45.45\% = 45\frac{5}{11}\% = \frac{5}{11}$
$18.18\% = 18\frac{2}{11}\% = \frac{2}{11}$	$54.54\% = 54\frac{6}{11}\% = \frac{6}{11}$
$27.27\% = 27\frac{3}{11}\% = \frac{3}{11}$	$63.63\% = 63\frac{7}{11}\% = \frac{7}{11}$
$36.36\% = 36\frac{4}{11}\% = \frac{4}{11}$	$72.72\% = 72\frac{8}{11}\% = \frac{8}{11}$

FOR PRACTICE

$$37.5\% \text{ of } 192 + 42\frac{6}{7}\% \text{ of } 294 = ?$$

$$63\frac{7}{11}\% \text{ of } 297 + 87.5\% \text{ of } 192 = ?$$

$$71\frac{3}{7}\% \text{ of } 168 + 55\% \text{ of } 410 + 83\frac{1}{3}\% \text{ of } 132 = ?$$

$$437\frac{1}{2}\% \text{ of } 208 + 157\frac{1}{7}\% \text{ of } 462 = ?$$

$$334.4\% \text{ of } 63.63 + 560\% \text{ of } 62.5 = ?$$

$$8.75\% \text{ of } 112 + 7.142\% \text{ of } 133 + 132\% \text{ of } 6.363 = ?$$