Machine generated alternative text:
• The symbol % means 'per cent'. It comes from the Latin words per centum which translates to 
'out of 100'. 
23 
For example: 23% means 23 out of 100 or 
= 0.23. 
100 
• To convert a percentage to a fraction 
• Change the % sign to a denominator of 100. 
• Simplify the fraction if required. 
35 
7 
For example: 35% = 
100 20 
To convert a percentage to a decimal 
• Divide by 100. Therefore move the decimal point two places to the left. 
For example: 46% = 46 + 100 = 0.46 
To convert a fraction to a percentage 
• Multiply by 100. 
1 100 25 
For example: — X 100 = — X 
2 
• To convert a decimal to a percentage 
= 12 , so 
2 
8 
2 
• Multiply by 100. Therefore move the decimal point two places to the right. 
For example: 0.812 X 100 = 81.2, so 0.812 = 81.2% 
• Common percentages and their equivalent fractions are shown in the table below. It is helpful 
to know these. 
Fraction 
Decimal 
Percentage 
0.5 
0.4 
33-0/0 
3 
0.25 
25% 
0.2 
0.125 
12-0/0 
2 
0.6 
66-0/0 
3 
0.75 
75% 

Machine generated alternative text:
O The fraction equivalent of 27% is: 
2 
7 
27 
B 
100 
The decimal equivalent of 37% is: 
A 0.037 
B 0.37 
47 
O The percentage equivalent of 
is: 
A 0.47% 
100 
B 4.7% 
The percentage equivalent of 0.57 is: 
B 5.7% 
c 
C 
c 
2700 
3.7 
47% 
570% 
1 
27 
D 37.00 
D 470% 
D 0.57% 