Worksheet

a Sums involving bar bracket are to be solved first

b These () brackets are called ~~parenthes~~ or common bracket

c In BODMAS "M" stands for Multiplication

d We remove the square bracket last while simplifying

e While simplifying, subtraction is the last operation to be solved

Q2

a $7-6\div4+8-3\times2$

$1\div4+8-3\times2$

$1+8-3\times2$

$9+8-6$

$17-6$

11

b $54\div9\times6-4+3+8$

A $54\div9\times6-4+3+8$

$6\times6-4+3+8$

$36-4+3+8$

$36+3+8-4$

$39+8-4$

$47-4$

43

a $12-[20\div\{8-2(9-5-2)\}]$

$12-[20\div\{8-2(4-2)\}]$

$12-[20\div\{8-2\times2\}]$

$12-[20\div\{8-4\}]$

$12-[20\div4]\}$

$12-5$

7

b $25-\frac{1}{2}\{5+4-(3+2-\overline{1+3})\}$

$25-\frac{1}{2}\{5+4-(3+2-4)\}$

$25-\frac{1}{2}\{5+4-(5-4)\}$

$25-\frac{1}{2}\{5+4-1\}$

$25 - \frac{1}{2}\{9 - 1\}$

$25 - \frac{1}{2} \times 8$

$25 - 4$

21

$0.4 \div [1.5 \div \{0.6 \div (0.3 - 0.3 - 0.1)\}]$

$0.4 \div [1.5 \div \{0.6 \div (0.3 - 0.2)\}]$

$0.4 \div [1.5 \div \{0.6 \div 0.1\}]$

$0.4 \div [1.5 \div 6]$

$0.4 \div 0.25$

1.6