135. $5\frac{1}{2}$ metres long rope is cut into 12 equal pieces. What is the length of each piece?

136. Write the following rational numbers in the descending order.

$$\frac{8}{7}, \frac{-9}{8}, \frac{-3}{2}, 0, \frac{2}{5}$$

137. Find (i) $0 \div \frac{2}{3}$ (ii) $\frac{1}{3} \times \frac{-5}{7} \times \frac{-21}{10}$

63. $\frac{1}{2}(x+1)+\frac{1}{3}(x-1)=\frac{5}{12}(x-2)$

64. $\frac{x+1}{4}=\frac{x-2}{3}$

65. $\frac{2x-1}{5}=\frac{3x+1}{3}$

66. $1-(x-2)-[(x-3)-(x-1)]=0$

67. $3x-\frac{x-2}{3}=4-\frac{x-1}{4}$

68. $\frac{3t+5}{4}-1=\frac{4t-3}{5}$

69. $\frac{2y-3}{4}-\frac{3y-5}{2}=y+\frac{3}{4}$

81. Add:

(vi) $3a\,(a - b + c)$, $2b\,(a - b + c)$

(vii) $3a\,(2b + 5c)$, $3c\,(2a + 2b)$

82. Subtract :

(iv) $3t^4 - 4t^3 + 2t^2 - 6t + 6$ from $-4t^4 + 8t^3 - 4t^2 - 2t + 11$

(v) $2ab + 5bc - 7ac$ from $5ab - 2bc - 2ac + 10abc$

(vi) $7p\,(3q + 7p)$ from $8p\,(2p - 7q)$

83. Multiply the following:

(x) $6mn, 0mn$

(xi) $a,\ a^5,\ a^6$

(xii) $-7st, -1, -13st^2$

(xiii) $b^3,\ 3b^2,\ 7ab^5$

(xiv) $-\frac{100}{9}rs;\ \frac{3}{4}r^3s^2$

(xv) $(a^2 - b^2),\ (a^2 + b^2)$