MATH 0370

02/04/2019

Practice Test

31) $A = \frac{9}{7} \cdot \frac{14}{15}$

$= \frac{3 \cdot 3 \cdot 2 \cdot 7}{7 \cdot 3 \cdot 5}$

$= \frac{6}{5}$ yd^2

32) $A = \frac{7}{5} \cdot \frac{13}{14_2}$

$= \frac{13}{10}$ yd^2

33) $\frac{4}{5} \div \frac{5}{1}$

$= \frac{4}{5} \cdot \frac{1}{5}$

$= \frac{2 \cdot 2 \cdot 1}{5 \cdot 5}$

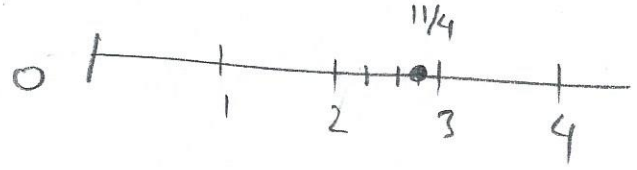
$= \frac{22}{25}$ Ton

35) $\begin{array}{r} 56 \\ -18 \\ \hline 38 \end{array}$ $\quad \frac{38}{56}$

$= \frac{2 \cdot 19}{2 \cdot 2 \cdot 7}$

$= \frac{19}{28}$

1) $\frac{11}{4} = 2\frac{3}{4}$



2) $\frac{5}{7}$

3) $\frac{5}{8}$

4) $\frac{17}{8} = 2\frac{1}{8}$

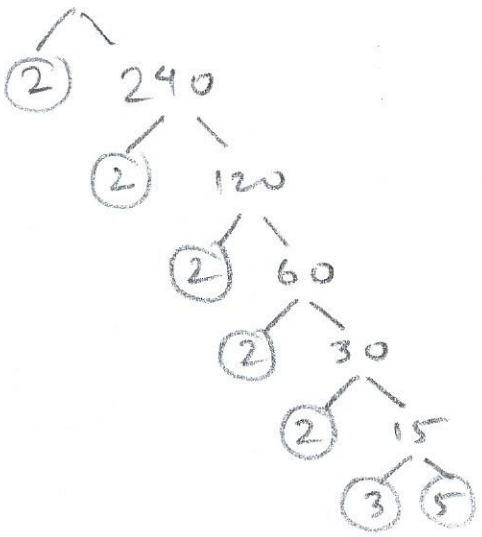
5) $27\frac{2}{3} = \frac{27(3)+2}{3}$

6) $13\frac{3}{7} = \frac{13(7)+3}{7} = \frac{91+3}{7} = \frac{94}{7}$

7) $31\frac{1}{4} = \frac{31(4)+1}{4} = \frac{125}{4}$

(1R)

$480 = 2^5 . 3 . 5$



$462 = 2 . 3 . 7 . 11$