



SPTA

N5 Homework

Fractions (A)



Show all working – NO calculator required.

Marks

1. Work out the answers to the following:

a) $2\frac{1}{3} + 1\frac{2}{5}$

(b) $6\frac{3}{7} - 3\frac{5}{9}$

(c) $2\frac{4}{7} \times \frac{28}{45}$

(d) $5\frac{1}{2} \div 3\frac{2}{3}$

e) $\frac{5}{8} - \frac{2}{9} \times \frac{3}{10}$

(f) $2\frac{1}{4} \div \left(\frac{9}{10} + \frac{2}{3}\right)$

(10)

2. a) A plank of wood $3\frac{3}{4}$ metres long is cut up into 5 equal pieces. How long is each piece?

b) Each cow in a herd of 25 produces $4\frac{2}{3}$ litres of milk a day. How much milk is this in total? (4)

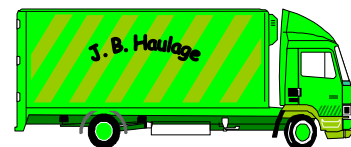
2. Billy is a long distance lorry driver. One day he had to drive to Birmingham.

He drove for $2\frac{1}{2}$ hours at an average speed of 76 km/h and then for $3\frac{2}{3}$ hours at an average speed of 81km/h before arriving at his destination.

a) How far did he drive during the first part of his journey?

b) How far did he travel altogether?

c) How long did it take him in total, give your answer in hours and minutes?



(6)

Total Marks: 20