

## Working Space

47. A tailor made 48 pieces of uniform. Half of the number of the uniforms was each made using  $1\frac{1}{4}$  metres of material. A quarter of the remainder was each made using  $1\frac{1}{2}$  metres of material and the rest was each made using  $1\frac{3}{4}$  metres of material. The tailor also fixed a logo made using  $\frac{1}{16}$  metres of material on each uniform.

How many metres of material did the tailor use?

- A.  $73\frac{1}{2}$  metres
- B. 72 metres
- C.  $70\frac{9}{16}$  metres
- D.  $70\frac{1}{2}$  metres

48. The table below shows the train fares for Nairobi–Mombasa route.

	1 <sup>st</sup> class sh	2 <sup>nd</sup> class sh
Adults	4 550	3 780
Children between 3–11 years	3 150	2 400
Children under 3 years	free	free

The following passengers travelled in the train:

- 23 pupils of age 12 years and above
- 12 pupils aged between 7 and 10 years
- 2 children below 3 years
- 3 parents
- 5 teachers
- 1 headteacher

The passengers occupied the following classes in the train:

- 1<sup>st</sup> class: Headteacher, 1 parent
- 2<sup>nd</sup> class: 5 teachers, 2 parents and all pupils and children

How much money did they pay for the journey to Mombasa?

- A. sh 119 560
- B. sh 151 300
- C. sh 156 100
- D. sh 164 080