

- 1) a) Tape measure - *centimetres*  
 b) 150mm ruler - *millimetres*  
 c) Trundle wheel - *metres*
- 2) *22cm*
- 3) Red - *4cm*, Blue - *8cm*, Green - *6cm*
- 4) Red - *43mm*, Blue - *52mm*, Green - *69mm*



- 1) *Children's explanations will vary. Fredrick is correct that millimetres will be more accurate but measuring in centimetres would be accurate enough for making skipping ropes.*
- 2) *Jana is incorrect because her pen is 24cm long, not 24mm. Fredrick is correct. Declan is incorrect because he has not lined his pen up with 0 on the ruler. His pen is 11cm long.*



- 1) *Various answers are possible.*  
*1 purple bead, 1 yellow bead and 1 red bead.*  
*3 red beads.*  
*2 blue beads and 1 pink bead.*  
*2 black beads and 2 pink beads.*  
*Red - 30mm wide, Blue - 35mm wide, Yellow - 39mm wide, Purple - 21mm wide, Pink - 20mm wide, Black - 25mm wide.*
- 2) *Pupils answers will vary depending on the items they have chosen to measure.*

