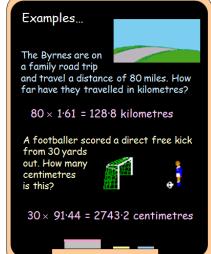
Outcome 2 - Metric & Imperial Measures for Length

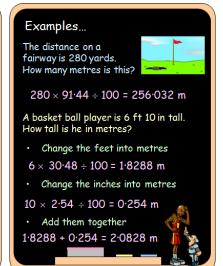
Bronze examples

Examples... 0.47 cm = 4.7 mm23 mm = 2·3 cm $(\times 10!)$ (÷ 10!) $0.867 \, \text{m} = 86.7 \, \text{cm}$ 19.6 cm = 0.196 m $(\times 100!)$ $(\div 100!)$ 0.095 m = 95 mm 380 mm = 0.38 m $(\times 1000!)$ $(\div 1000!)$ 0.18 km = 180 m 59.2 m = 0.0592 km $(\times 1000!)$ $(\div 1000!)$

Silver examples



Gold examples



Bronze Questions

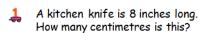
Change the following units of length...



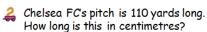
- 0.75 cm = ? mm
- 0.406 m = ? cm
- 0.088 m = ? mm
- 32.7 m = ? cm
- 94.2 km = ? m
- 19.3 mm = ? cm
- 0.593 cm = ? m
- 83.5 mm = ? m
- 0.068 m = ? km
- 5.04 mm = ? m

Metric in or " 2.54 cm 12 inches = 1 foot ft or ' 30·48 cm 12 inches = 1 foot 3 feet = 1 yard yard yd 91·44 cm 3 feet = 1 yard 1760 yards = 1 mile mile mi or m 1.61 km 1760 yards = 1 mile

Silver Questions

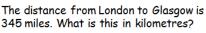




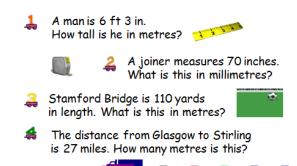




A swimming pool is 8.5 feet at a certain point. How many centimetres?



Gold Questions







Bronze Answers

1. 7·5 mm 2. 40·6 cm 3. 88 mm 4. 3270 cm 5. 94 200 m 6. 1·93 cm 7. 0·00593 m 8. 0·0835 m 9. 0·000068 km 10. 0·00504 m

Silver Answers

1. 20.32 cm 2. 10.058.4 cm

3. 259·08 cm 4. 555·45 km

Gold Answers

1. 1.905 m
2. 1778 mm
3. 100.584 m
4. 43 470 m