



Outcome 3 - Decimal Applications

Bronze examples

Examples...

Change the following into pounds...  $£1 = 100p$


6 pounds & 73 pence = £6.73

Change the following into metres...  $1 m = 100 cm$

5 metres & 39 centimetres = 5.39 m


Silver examples

Examples... $1 kg = 1000 g$

Change the following into kilograms... 

5 kilograms & 600 grams = 5.6 kg


$1 km = 1000 m$

Change the following into kilometres... 

6 kilometres & 900 metres = 6.9 km


Gold examples

Examples... $1 kg = 1000 g$

Change the following into kilograms... 

8 kilograms & 96 grams = 8.096 kg

$1 km = 1000 m$

Change the following into kilometres... 

6 kilometres & 7 metres = 6.007 km

Bronze Questions

Write the following as decimals...



1

5 pounds & 92 pence

2

1 pound & 94 pence

3

9 pounds & 10 pence

4

2 pounds & 7 pence

5

8 metres & 29 centimetres

6

5 metres & 83 centimetres

7

1 metre & 70 centimetres

8

3 metres & 5 centimetres

Silver Questions

Write the following as decimals...



1

8 kilograms & 100 grams

2

5 kilograms & 200 grams

3

9 kilograms & 530 grams

4

13 kilograms & 470 grams

5

6 kilometres & 200 metres

6

14 kilometres & 900 metres

7

8 kilometres & 880 metres

8

7 kilometres & 890 metres

Gold Questions

Write the following as decimals...



1

9 kilograms & 572 grams

2

7 kilograms & 38 grams

3

5 kilograms & 94 grams

4

13 kilograms & 5 grams

5

6 kilometres & 837 metres

6

2 kilometres & 76 metres

7

14 kilometres & 29 metres

8

4 kilometres & 8 metres

Bronze Answers

- | | | | |
|----|--------|----|--------|
| 1. | £5.92 | 2. | £1.94 |
| 3. | £9.10 | 4. | £2.07 |
| 5. | 8.29 m | 6. | 5.83 m |
| 7. | 1.7 m | 8. | 3.05 m |

Silver Answers

- | | | | |
|----|---------|----|----------|
| 1. | 8.1 kg | 2. | 5.2 kg |
| 3. | 9.53 kg | 4. | 13.47 kg |
| 5. | 6.2 km | 6. | 14.9 km |
| 7. | 8.88 km | 8. | 7.89 km |

Gold Answers

- | | | | |
|----|-----------|----|-----------|
| 1. | 9.572 kg | 2. | 7.038 kg |
| 3. | 5.094 kg | 4. | 13.005 kg |
| 5. | 6.837 km | 6. | 2.076 km |
| 7. | 14.029 km | 8. | 4.008 km |