Answers Sheet

Reverse Percentages

1.

8%
100% + 8% = 108
x × 1.08 = 345000
x = 345000 / 1.08
x = £319444.4

2.

100% – 15% = 0.85
x × 0.85 = 3.60
x = 3.60 / 0.85
x = £4.23

3.

100% + 5% = 1.05
x × 1.05 = 1.12
x = 1.12 / 1.05
x = £1.06

4.

20% = 14 pounds
(20%) x (5) = 14 x 5
100% = 70 pounds

5.

100% – 18% = 0.82
x × 0.82 = 740
x = 740 / 0.82
x = £902.4

6.

53 = 5%
×20 = ×20
1060 = 100%
= £1060

7.

172.20 = 4%
×25 = ×25
4305 = 100%
= £4305

8.

7200 = 60%
÷6 = ÷6
1200 = 10%
×10 = ×10
12000 = 100%

9.

14.5 = 25%
×4 = ×4
58 = 100
= £58
