Finding the Missing Part of Equivalent Ratios

7 : 10 = 28 : x
Look at the First Terms
7 increases to 28
This is achieved by multiplying by 4
7×4 : 10×4 = 28 : 40
x = 40

5 : 9 = x : 54
Look at the Second Terms
9 increases to 54
This is achieved by multiplying by 6
5×6 : 9×6 = 30 : 54
x = 30

x : 8 = 21 : 56
Look at the Second Terms
8 increases to 56
This was achieved by multiplying by 7
Work backwards by dividing by 7
3 : 8 = 21÷7 : 56÷7
x = 3

1. 3 : 1 = 9 :
2. 4 : 1 = : 4
3. 9 : 2 = 45 :
4. 6 : 5 = 54 :
5. 5 : 8 = : 16
6. 7 : 9 = 42 :
7. : 8 = 35 : 40
8. 28 : = 84 : 54
9. : 30 = 36 : 15
10. : 2 = 48 : 16
11. 8 : = 96 : 60
12. 13 : = 52 : 36

LIVEWORKSHEETS