Solve these equations

**Solving Linear Equations**

 **Red:** Start with me

1. 3x + 1 = 13

 =

 =

1. 3x – 7 = 8

 =

 =

1. 7x + 4 = 32

 =

 =

1. 3 + 2x = 27

 =

 =

1. 2x + 1 = 9

 =

 =

1. 12x – 4 = 56

 =

 =

1. 44 = 5m + 4

 =

 =

1. 92 = 9r – 7

 =

 =

1. 41 = 15c – 4

 =

 =

1. 37 = 5m – 3

 =

 =

1. 6f + 12 = 48

 =

 =

1. 112 = 4 + 9f

 =

 =

1. x + 3 = 5

2

 =

 =

1. 5 = h – 3

 2

 =

 =

1. 5x – 3 = 27

 =

 =

1. 4x + 6 = 26

 =

 =

1. 10x – 3 = 57

 =

 =

1. 9 + 6x = 33

 =

 =

1. 2x – 9 = 17

 =

 =

1. 9t + 7 = 70

 =

 =

1. 35 = 3t – 7

 =

 =

1. 59 = 11a + 4

 =

 =

1. 23 = 8f – 9

 =

 =

1. 5t + 13 = 78

 =

 =

**Orange:** Now move onto me ***(negatives)* Green:** Try me if you dare! ***(fractions)***

1. 2x + 8 = 2

 =

 =

1. 4r + 20 = 16

 =

 =

1. 10 = 7t + 80

 =

 =

1. 6 – 2x = 18

 =

 =

1. 4 – 6g = 28

 =

 =

1. 9 – 7j = 72

 =

 =

1. 10 = 3q + 13

 =

 =

1. 9 – 2a = 17

 =

 =

1. e + 6 = 2

5

 =

 =

1. –x – 3 = 4

 =

 =

 4

1. 3x + 9 = 3

 =

 =

1. 3 = 6p + 21

 =

 =

1. 2 = 3e + 17

 =

 =

1. 7 – 8y = 71

 =

 =

1. 3x + 8 = 12

 =

 =

1. 23 = 4g – 7

 =

 =

1. 2x + 9 = 19

 =

 =

1. 8 = 4n + 5

 =

 =

1. 2x + 6 = 2

 =

 =

1. 4f + 6 = 23

 =

 =

1. 6y + 7 = 21

 =

 =



1. 8 + 9r = 23

 =

 =

1. 3f + 9 = 23

 =

 =

1. 14 = 7 + 3g

 =

 =



1. 4r + 7 = 3

 =

 =

1. 7 = 9 – 3c

 =

 =

**Answers**

**Red**

1. 4
2. 5
3. 4
4. 12
5. 4
6. 5
7. 8
8. 11
9. 3
10. 8
11. 6
12. 12
13. 4
14. 16
15. 8
16. 9
17. 4
18. 1
19. 7
20. 3
21. 6
22. 9
23. 6
24. 21
25. 10
26. 5
27. 4
28. 21

**Amber**

1. -3
2. -1
3. -10
4. -6
5. -4
6. -9
7. -1
8. -4
9. -20
10. -28
11. -3
12. -3
13. -2
14. -12
15. -3
16. -16
17. -10
18. -5
19. -25
20. -21

Green

1. 1 1/3
2. 7 ½
3. 5
4. ¾
5. -2
6. 4 ¼
7. 2 1/3
8. 1 2/3
9. 3/5
10. 1 1/3
11. 3
12. -5
13. 0
14. 4 1/5
15. 0
16. -2 4/5