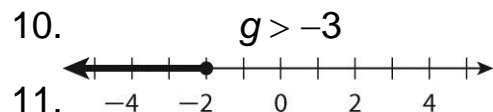


Pre-Test 13: Piecewise-Defined Functions

1. Yes
2. A. Yes, B. No, C. No, D. Yes
3. $a = 7$
4. $b = -1$
5. $c = -7.5$ or $c = -7\frac{1}{2}$
6. $d = 12$
7. $e = \frac{3}{4}$
8. Variables will vary: $6m + 4 > 46$ or $6m > 42$
9. $f \geq 9$



12. 2.4
13. 5

14. Dave needs to score more than 12 points because 12 added to a number less than -12 gives a negative sum.